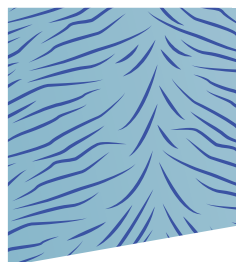
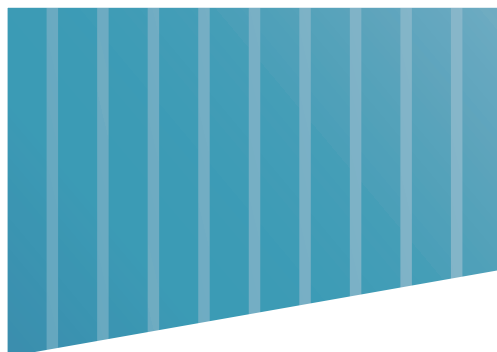
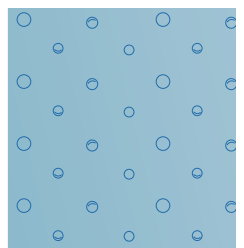
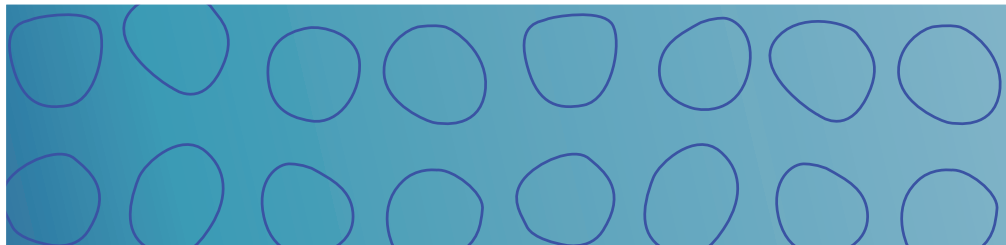
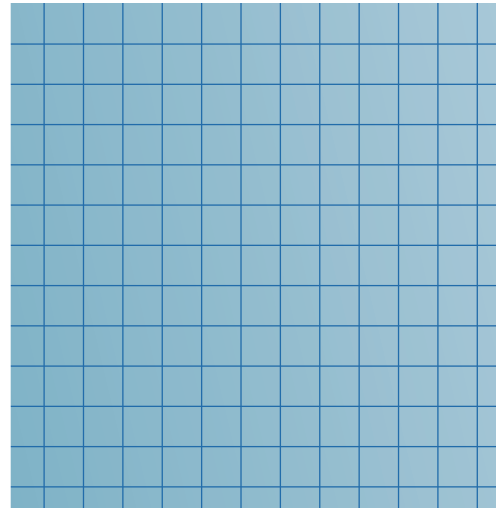
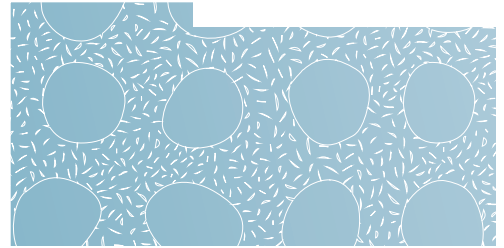
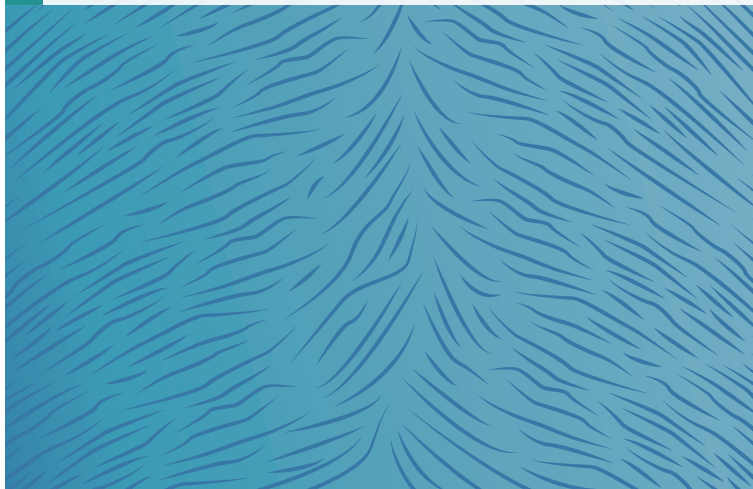


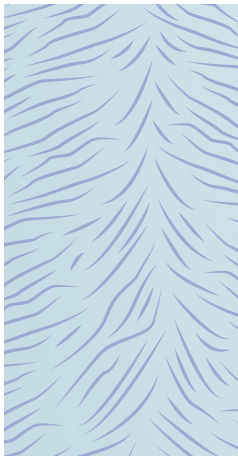
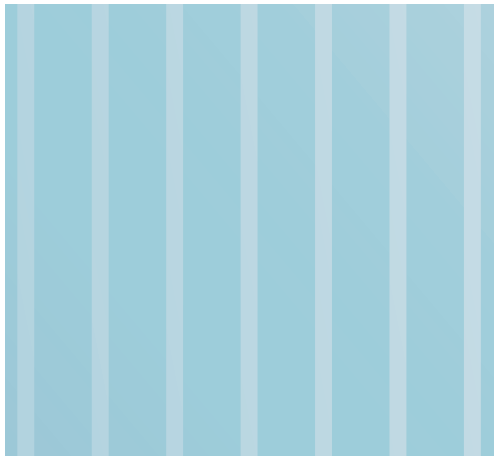
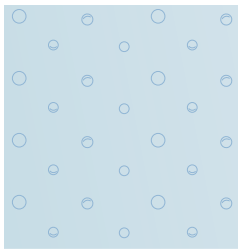
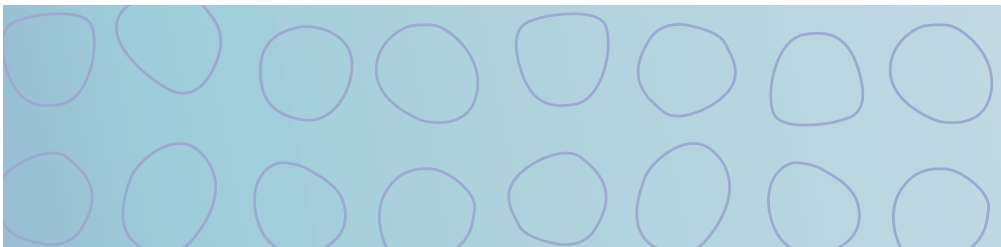
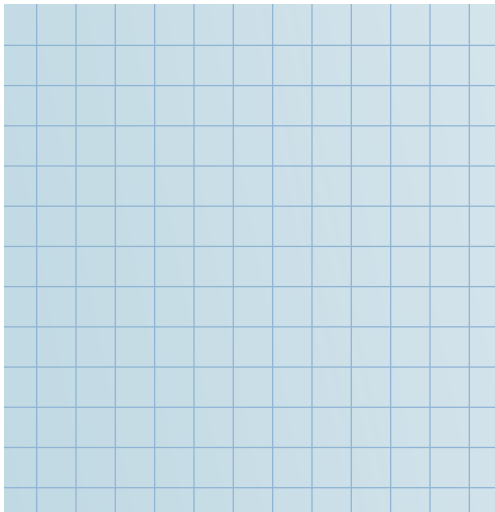
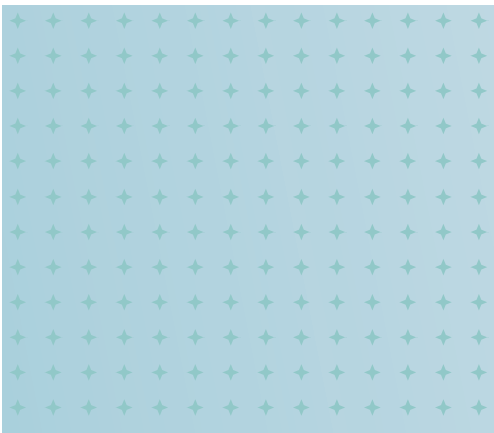
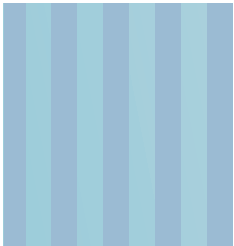
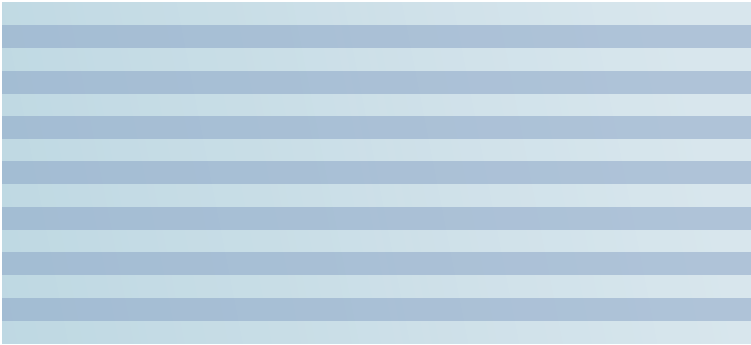
**IMAGIN
IMAGIN WIRED
FRAMING GLASS**

Patterned glass for decoration

AGC



Your Dreams, Our Challenge



CONTENTS

IMAGIN IMAGIN WIRED FRAMING GLASS



	Pattern	Pattern availability	Thicknesses* (mm)	Maximum width (mm)	Description
Nature	Aero	OR	4, 5, 6	1610	Create harmony by bringing nature-inspired patterns into your home, featuring natural colours and materials.
	Bamboo	OR	5, 6, 8	1610	
	Delta	ST	4	5, 6, 8, 10	
	Diamante 9	OR	4, 5	2040	
	Kura	ST	4	5, 6, 8, 10	
	Niagara	OR	5, 6, 8	2040	
Soft	33/33	ST	10	3, 4, 5, 6, 8	Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.
	Antique	OR	3, 4, 5, 6	1610	
	Chinchilla	ST	4, 4.2, 6, 8	3, 5, 10**	
	Crepì	ST	4, 6, 8	3, 4.2, 5	
	Garten	OR	3, 4, 5, 6, 8	2040	
	Gothic	ST	4	3, 5, 6	
Aesthetics	Eclissi	OR	3, 4, 5, 6, 8	2040	In these patterns, balanced aesthetics help keep your interiors up with the latest trends.
	Oltreluce Space	OR	4, 5, 6, 8	2040	
	Quatrix	OR	3, 4, 5, 6, 8	1850	
Linear	Flutes	ST	4, 6	5	Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.
	Flutex	OR	5, 6	1850	
	Listral 151	OR	5	1850	
	Oltreluce Waves	OR	4	1850	
	Patterned Glass 130	ST	5	6, 8	
	Raywall 45	ST	4	5, 6, 8, 10	
	Raywall 90	OR	5, 6, 8, 10	1850	
	Raywall 90T	ST	4, 6, 8	5, 10	
	Square	OR	5	1610	
	Stalactit	OR	4, 5, 6	1650	
Cathedrals	Atlantic	OR	4, 5, 6, 8	2040	These patterns feature pitting and irregular, broken lines. Grainy designs deliver superb privacy.
	Cathédrale "B"	OR	4, 5, 6, 8	1850	
	Flint	OR	4, 5, 6, 8	2040	
	Kathedral Gross	OR	4, 5, 6, 8	2040	
	Kathedral Klein	ST	4	5, 6, 8	
	Marine	OR	4, 5, 6, 8	2040	
	Martelé "O"	OR	4, 5, 6, 8	1850	
	Sahara	OR	4, 5, 6, 8	2040	
Pixels	Denim	OR	4, 5, 6	2040	A repeating symphony of superfine dots and points yields subtle designs capable of hiding objects behind the glass.
	Galette	OR	4, 5, 6	2040	
	Krizet	OR	4, 5, 6	2040	
	Screen	ST	4	3, 5, 6, 8	
Rounded	Bucny	OR	5	2040	Does your interior require rounded elements? Choose a pattern that includes circles and ovals. Opt for tiny lenses or regular circles.
	"D"	OR	4, 5, 6, 8	2040	
	Konfeta	OR	4, 5, 6, 8, 10*	2040	
	Oltreluce Circles	OR	4, 5, 6, 8, 10	2040	
	"S"	OR	4, 5, 6, 8	2040	

ST Standard pattern

OR Pattern on request

* Thickness **in bold** means standard thickness

** for 10 max. width 1850

CONTENTS

IMAGIN IMAGIN WIRED FRAMING GLASS



	Pattern	Pattern availability	Thicknesses* (mm)	Maximum width (mm)	Description
Retro	Galaxy	OR	4, 5, 6	1850	Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.
	Listral 77	OR	4, 5, 6	1850	
	Travertino	OR	4, 5, 6	1850	
	Tweed	OR	4, 5, 6, 8	1850	
	Twist	OR	4, 5, 6	1850	
Antiques	Alexandria	OR	4, 5, 6	2040	These patterns use hieroglyphs from ancient civilizations as graphic design elements.
	Farao	OR	4, 5, 6, 8, 10	1850	
	Maya	OR	5, 6, 8	1850	
	Nordic	OR	4, 5, 6	2040	
Wired	Wired Alexandria	OR	7	2040	Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.
	Wired Atlantic	OR	7	2040	
	Wired Crepi	OR	6, 7	2040	
	Wired "D"		6, 7	2040	
	Wired Delta	OR	6, 7	1850	
	Wired Denim	OR	7	2040	
	Wired Diamante 9	OR	7	2040	
	Wired Konfeta	OR	6, 7	2040	
	Wired Listral 77	OR	6, 7	1850	
	Wired Nordic	OR	7	2040	
	Wired "O" 1/2"	ST	6	7	
	Wired "O" 1"	OR	6, 7	2040	
	Wired "S" 1/2"	ST	6, 7	2040	
	Glamatt	ST	2	1560	Framing glass is clear glass for picture frames that can be used to reduce the negative effect of light reflection. Anti-glare glass delivers excellent reproduction of contrasts and colours.

Aero

CLEAR PATTERNED GLASS



IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1610
5	
6	

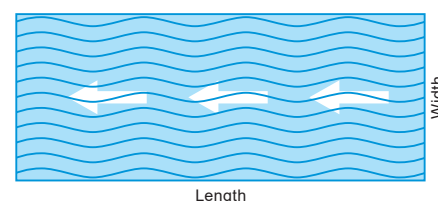
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

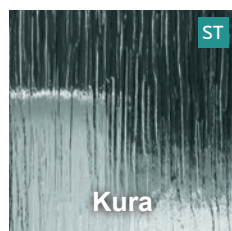
None.

Similar patterns



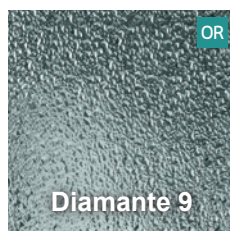
Delta

ST



Kura

ST



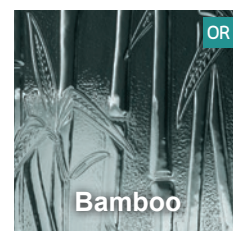
Diamante 9

OR



Niagara

OR



Bamboo

OR

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Bamboo®

CLEAR PATTERNED GLASS



IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1610
6	
8	

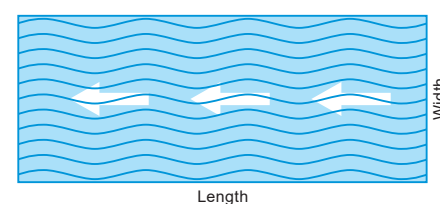
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

None.

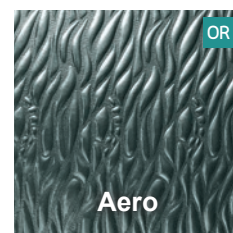
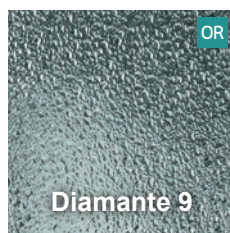
Similar patterns



ST Standard pattern



OR Pattern on request



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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓
6	± 0.5	×	×	✓
8	± 0.8	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7	80/7/7	77/7/7
Solar Factor: g	85	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Delta[®]

CLEAR PATTERNED GLASS



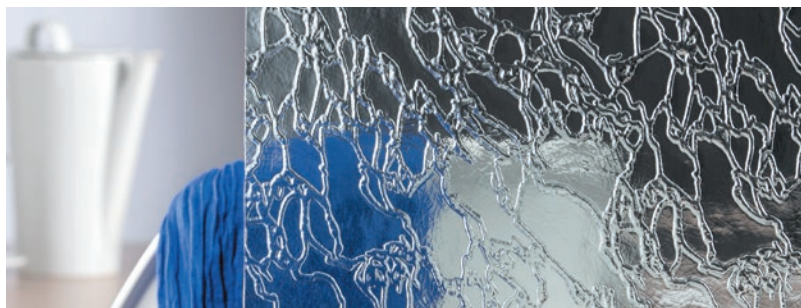
IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3350 × 1850

* maximum dimensions 3750 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850
6	
8	
10	

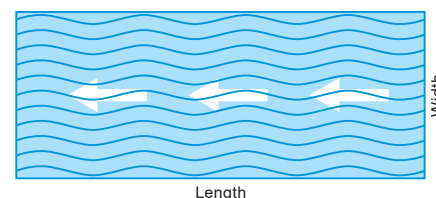
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

None.

Similar patterns



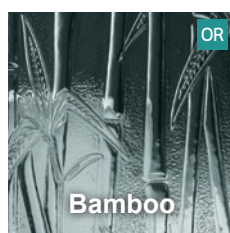
Kura

ST Standard pattern

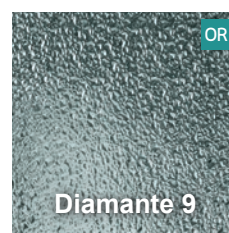


Aero

OR Pattern on request



Bamboo



Diamante 9



Niagara

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4		± 0.5	✓	✗	✓
	5	± 0.5	✓	✗	✓
	6	± 0.5	✓	✗	✓
	8	± 0.8	✓	✗	✗
	10	± 1.0	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4mm	5mm	6mm	8mm	10mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

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Diamante 9

CLEAR PATTERNED GLASS



IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3350 × 1850
5	3750 × 2040

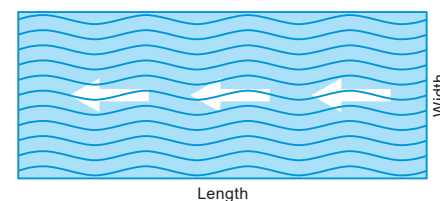
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

Also available on request with an embedded wire mesh.

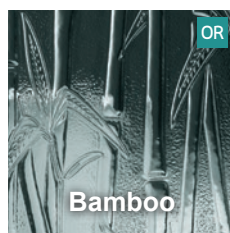
Similar patterns



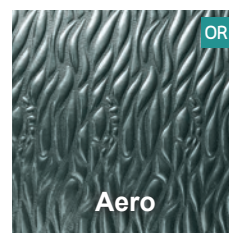
ST



ST



OR



OR



OR

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)
U-value (EN 673)	5.8	5.8
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7
Solar Factor: g	86	85
Colour Rendering (EN 410): Ra	99	99
UV Transmission (EN 410)	63	60

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AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Kura

CLEAR PATTERNED GLASS



IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3350 × 1850

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 2040
6	
8	
10	3750 × 1850

* maximum dimensions 3750 × 2040 mm

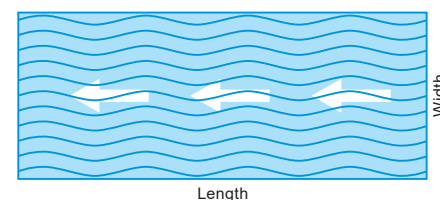
Minimum ordering quantity

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

None.

Similar patterns



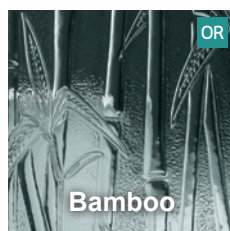
Delta

ST Standard pattern

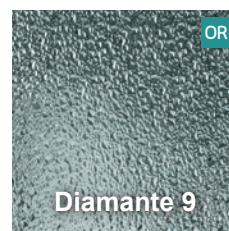


Aero

OR Pattern on request



Bamboo



Diamante 9



Niagara

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4		± 0.5	✓	✗	✓
	5	± 0.5	✓	✗	✓
	6	± 0.5	✓	✗	✓
	8	± 0.8	✓	✗	✗
	10	± 1.0	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Niagara®

CLEAR PATTERNED GLASS



IMAGIN

Description

Featuring natural colours and materials, this nature-inspired pattern creates harmony into your home.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	2130 × 1610
6	3750 × 2040
8	

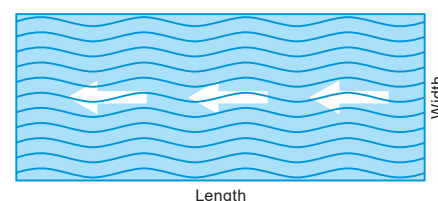
Minimum ordering quantity

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

None.

Similar patterns



Delta

ST



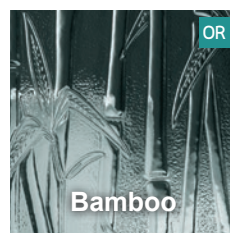
Kura

ST



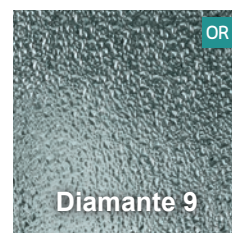
Aero

OR



Bamboo

OR



Diamante 9

OR

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓
6	± 0.5	×	×	✓
8	± 0.8	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7	80/7/7	77/7/7
Solar Factor: g	85	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	60	57	52

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Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
10	3350 × 2040

* maximum dimensions 3750 × 2040 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 2040
4	
5	
6	
8	

Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

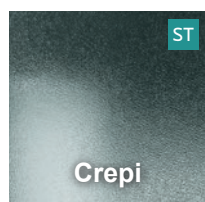
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

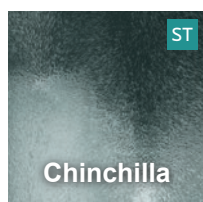
Special information

Double sided patterned glass: pattern Crepi on both sides.
Pattern Crepi on the top side is smoother in order to facilitate the cutting.

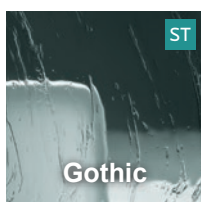
Similar patterns



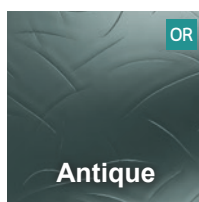
Crepi



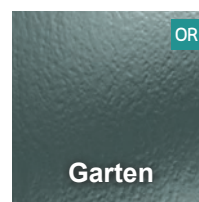
Chinchilla



Gothic



Antique



Garten

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
	3	± 0.5	✓	✓*	✗
	4	± 0.5	✓	✓*	✓
	5	± 0.5	✓	✓*	✓
	6	± 0.5	✓	✓*	✓
	8	± 0.8	✓	✓*	✗
10		± 1.0	✓	✓*	✗

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	87	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	99	98	98	97
UV Transmission (EN 410)	67	63	60	57	52	48

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Antique

CLEAR PATTERNED GLASS

AGC

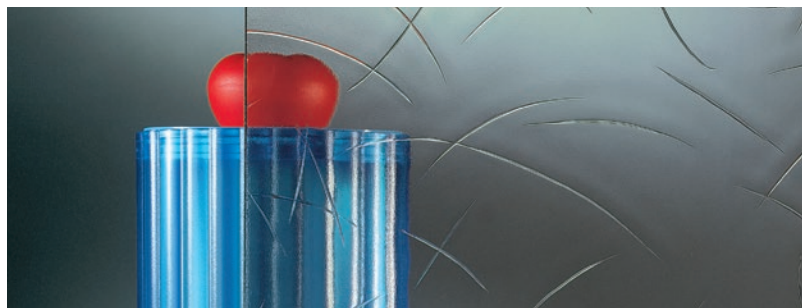
IMAGIN

Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 1610
4	
5	
6	

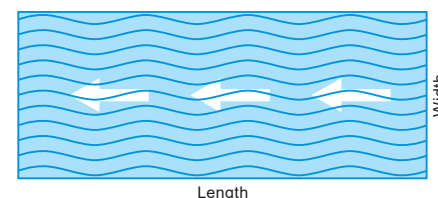
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

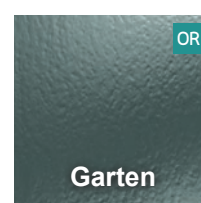
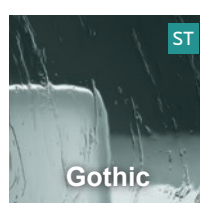
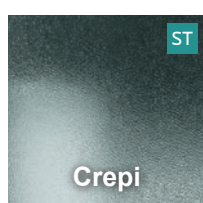
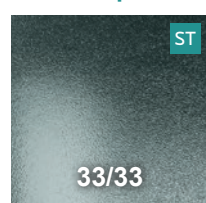
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
3	± 0.5	✓	✗	✗
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7
Solar Factor: g	87	86	85	83
Colour Rendering (EN 410): Ra	99	99	99	98
UV Transmission (EN 410)	67	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Chinchilla®

CLEAR PATTERNED GLASS



IMAGIN

Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard		Non-standard	
Thickness (mm)	Dimensions* (length × width in mm)	Thickness (mm)	Maximum dimensions (length × width in mm)
4	2540 × 1850	3	3750 × 2040
	3350 × 1850	5	
4.2	3210 × 2000	10	3750 × 1850
6	2130 × 1850		
8	2250 × 1850		

* maximum dimensions 3750 × 2040 mm

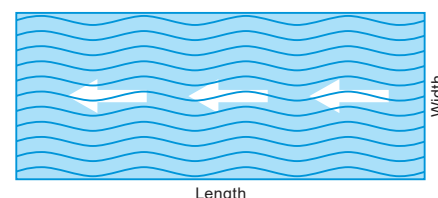
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

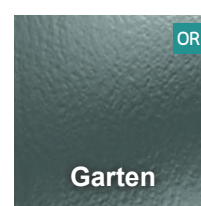
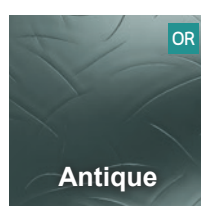
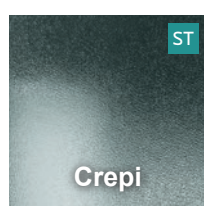
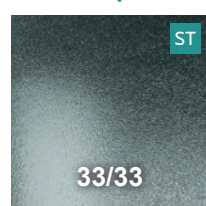
Pattern direction



Special information

Thickness 4.2 mm developed specially for lamination with 0.76 PVB.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
	3	± 0.5	✓	✓*	✗
4 and 4.2		± 0.5	✓	✓*	✓
	5	± 0.5	✓	✓*	✓
6		± 0.5	✓	✓*	✓
8		± 0.8	✓	✓*	✗
	10	± 1.0	✓	✓*	✗

* Lamination test before first production run is strictly recommended.

AGC developed a special thickness of 4.2mm to facilitate processing and improve lamination.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	87	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	99	98	98	97
UV Transmission (EN 410)	67	63	60	57	52	48

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Crepi

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3300 × 2040
	3350 × 1850
	3350 × 2040
6	3350 × 2040
8	3350 × 2040

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 2040

* maximum dimensions 3750 × 2040 mm

Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

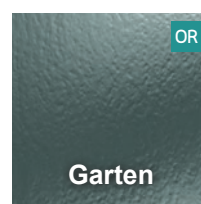
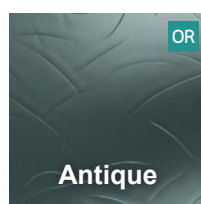
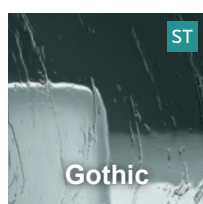
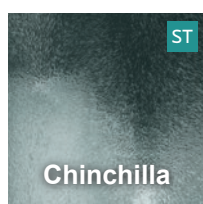
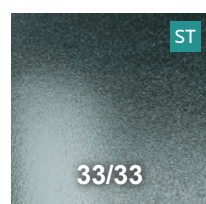
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

Also available on request with an embedded wire mesh.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
3		± 0.5	✓	✓*	✗
4		± 0.5	✓	✓*	✓
6		± 0.5	✓	✓*	✓
8		± 0.8	✓	✓*	✗

* Lamination test before first production run is strictly recommended;

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	3 mm	4 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	80/7/7	77/7/7
Solar Factor: g	87	86	83	81
Colour Rendering (EN 410): R_a	99	99	98	98
UV Transmission (EN 410)	67	63	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Garten

CLEAR PATTERNED GLASS

AGC

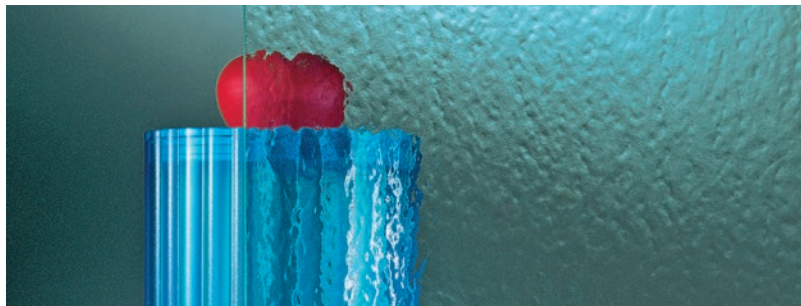
IMAGIN

Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 2040
4	
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

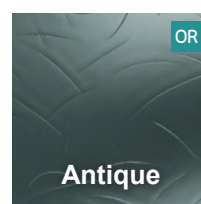
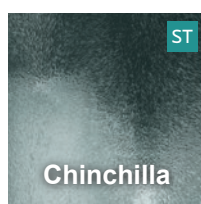
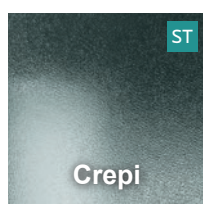
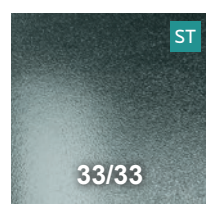
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
3	± 0.5	✓	✗	✗
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	87	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	99	98	98
UV Transmission (EN 410)	67	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Gothic®

CLEAR PATTERNED GLASS



IMAGIN

Description

Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard		Non-standard	
Thickness (mm)	Dimensions* (length × width in mm)	Thickness (mm)	Maximum dimensions (length × width in mm)
4	2130 × 1610	3	3750 × 1610
	3350 × 1610	5	
		6	

* maximum dimensions 3750 × 1610 mm

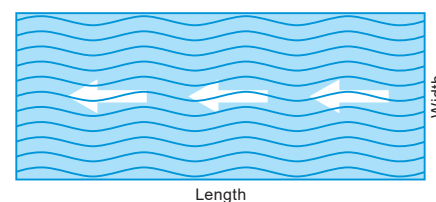
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

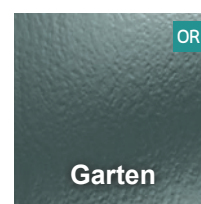
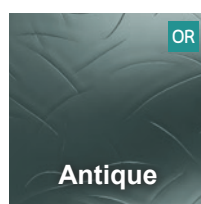
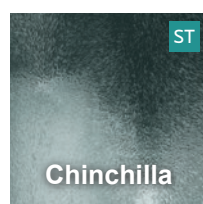
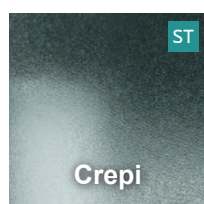
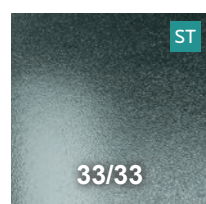
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4	3	± 0.5	✓	✓*	✗
		± 0.5	✓	✓*	✓
	5	± 0.5	✓	✓*	✓
	6	± 0.5	✓	✓*	✓

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	86/8/8	84/8/8	82/7/7	80/7/7
Solar Factor: g	87	86	85	83
Colour Rendering (EN 410): Ra	99	99	99	98
UV Transmission (EN 410)	67	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Eclissi

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

In these patterns, balanced aesthetics help keep your interiors up with the latest trends.

Applications

- furniture
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 2040
4	
5	
6	
8	

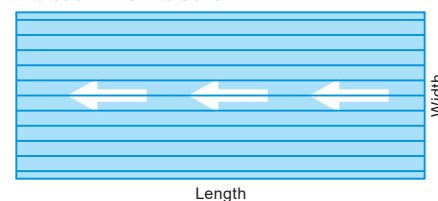
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	3mm / 1m	6mm / 1m

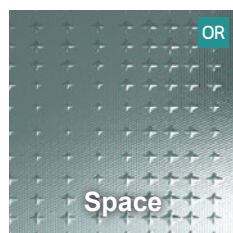
Pattern direction



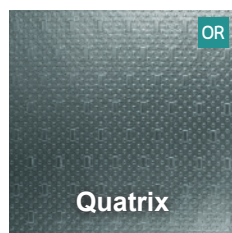
Special information

None.

Similar patterns



ST Standard pattern



OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
3	± 0.5	✓	✗	✗
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3 mm	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	87	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	99	98	98
UV Transmission (EN 410)	67	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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OLTRELUC Space[®]

CLEAR PATTERNED GLASS

AGC

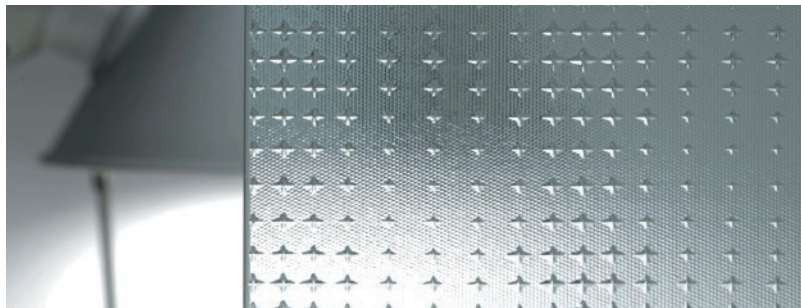
IMAGIN

Description

In these patterns, balanced aesthetics help keep your interiors up with the latest trends.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
4	3750 x 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons).

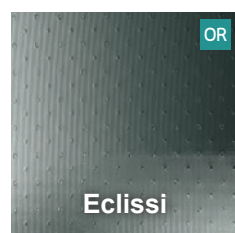
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	3 mm / 1 m	6 mm / 1 m

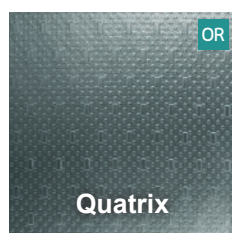
Special information

Can be silvered and back painted on request by manufacturer.
Pattern Oltreluce Space © Michele De Lucchi

Similar patterns



ST Standard pattern



OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4mm	5mm	6mm	8mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Quatrix

CLEAR PATTERNED GLASS

AGC

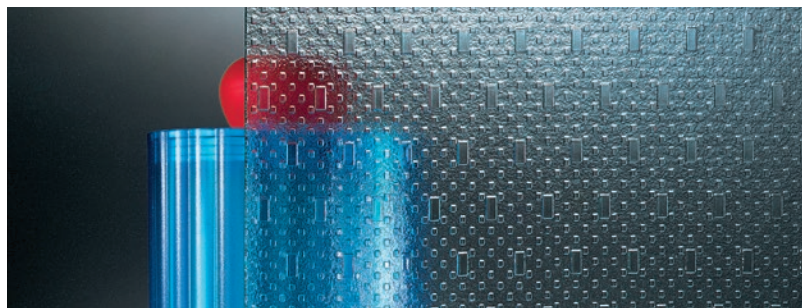
IMAGIN

Description

In these patterns, balanced aesthetics help keep your interiors up with the latest trends.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 1850
4	
5	
6	
8	

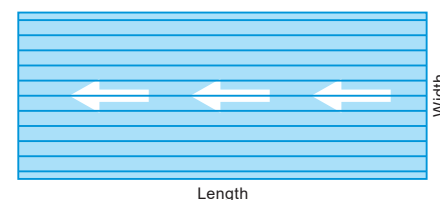
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	3 mm / 1 m	6 mm / 1 m

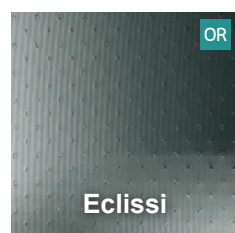
Pattern direction



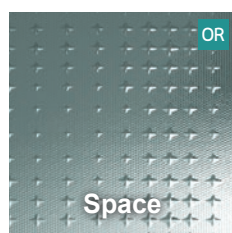
Special information

None.

Similar patterns



OR



OR

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
3	± 0.5	✓	✗	✗
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	3 mm	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	87	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	99	98	98
UV Transmission (EN 410)	67	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Flutes

CLEAR PATTERNED GLASS



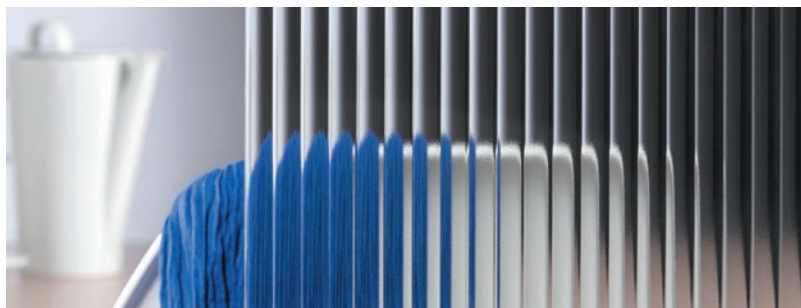
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3350 × 1850
6	3350 × 1850

* maximum dimensions 3750 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850

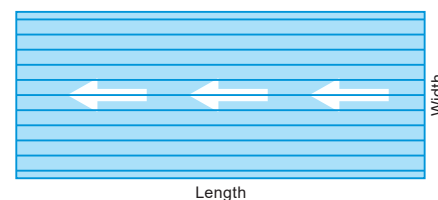
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	12.5 ± 0.3 mm		3 mm / 1 m	—

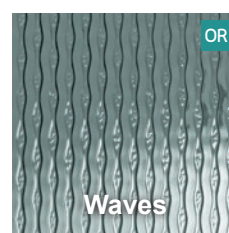
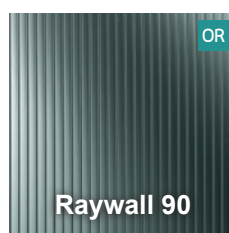
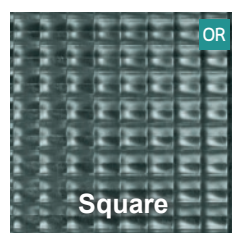
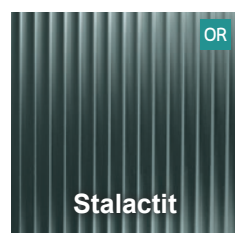
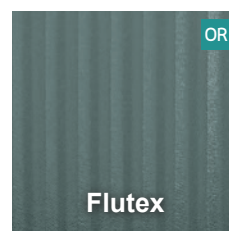
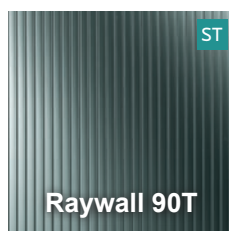
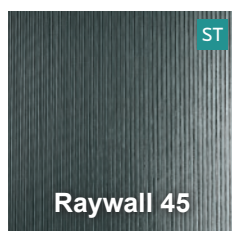
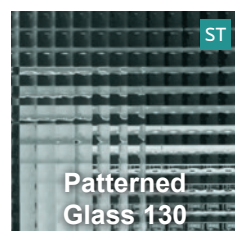
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4		± 0.5	✓	✗	✓
	5	± 0.5	✓	✗	✓
6		± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Flutex

CLEAR PATTERNED GLASS



IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850
6	

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	25 ± 0.3 mm		3 mm / 1 m	—

Special information

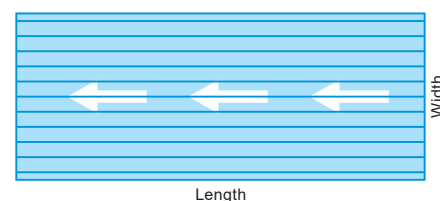
Double sided pattern developed for lamination with 0.76 PVB. Pattern Crepi on the top side is put in laminated glass against PVB.



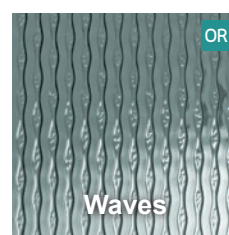
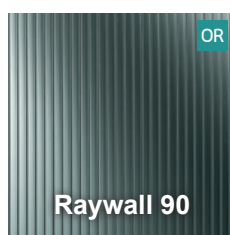
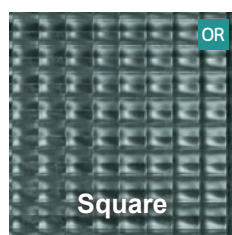
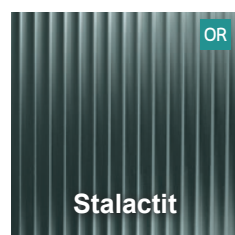
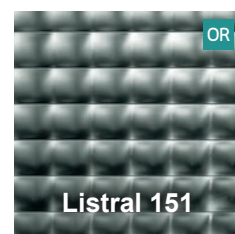
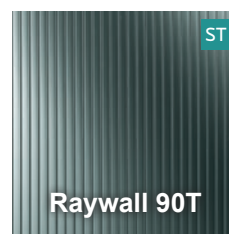
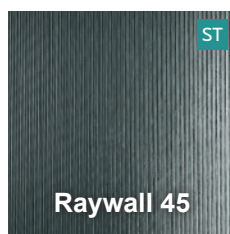
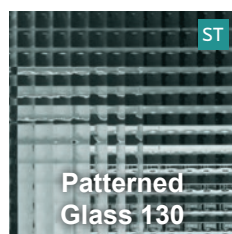
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern direction



Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	✓	✓	✓
6	± 0.5	✓	✓	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-3)	31 (-2,-3)
U-value (EN 673)	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7	80/7/7
Solar Factor: g	85	83
Colour Rendering (EN 410): Ra	99	98
UV Transmission (EN 410)	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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CLEAR PATTERNED GLASS



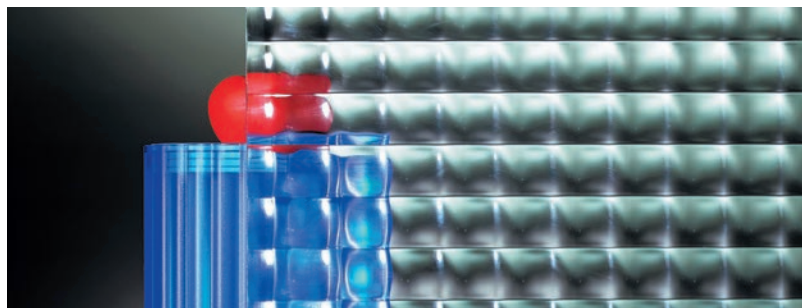
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850

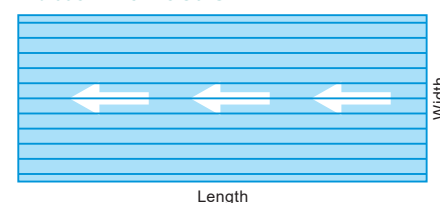
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	25 × 25 ± 0.3 mm		3 mm / 1 m	6 mm / 1 m

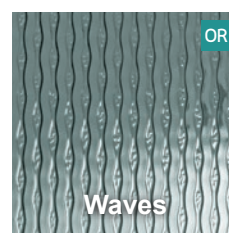
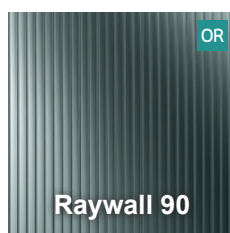
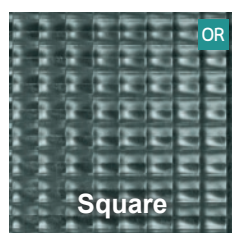
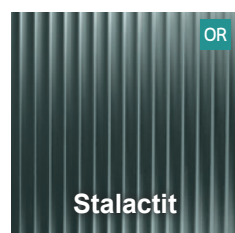
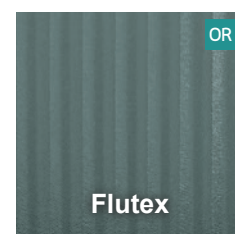
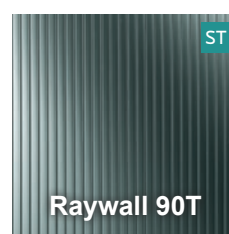
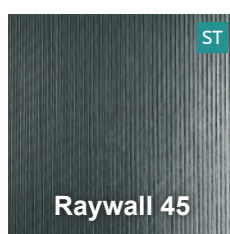
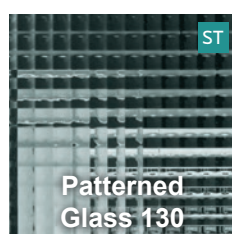
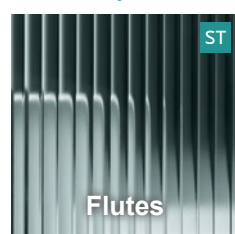
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)
U-value (EN 673)	5.8
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7
Solar Factor: g	85
Colour Rendering (EN 410): Ra	99
UV Transmission (EN 410)	60

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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OLTRELUCÉ Waves®

CLEAR PATTERNED GLASS



IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850

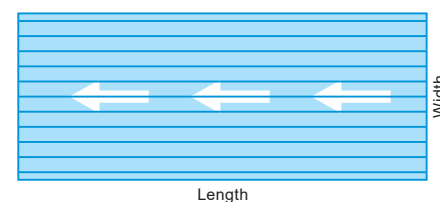
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	3 mm / 1 m	—

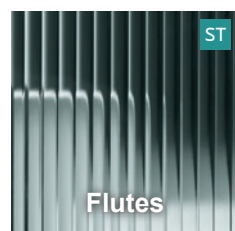
Pattern direction



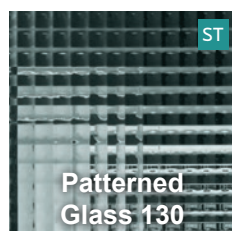
Special information

Can be silvered and back painted on request by manufacturer.
Pattern Oltreluce Waves © Michele De Lucchi

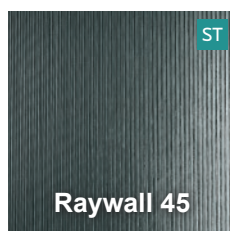
Similar patterns



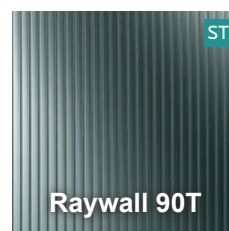
Flutes



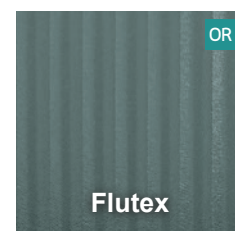
Patterned Glass 130



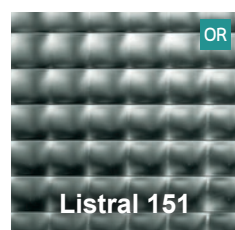
Raywall 45



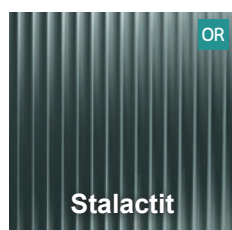
Raywall 90T



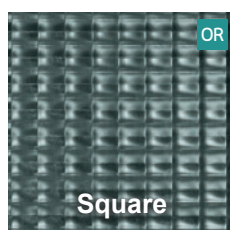
Flutex



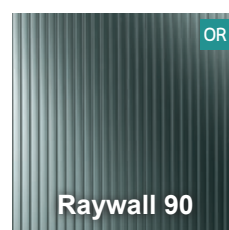
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Stalactit



Square



Raywall 90

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)
U-value (EN 673)	5.8
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8
Solar Factor: g	86
Colour Rendering (EN 410): Ra	99
UV Transmission (EN 410)	63

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Patterned Glass 130

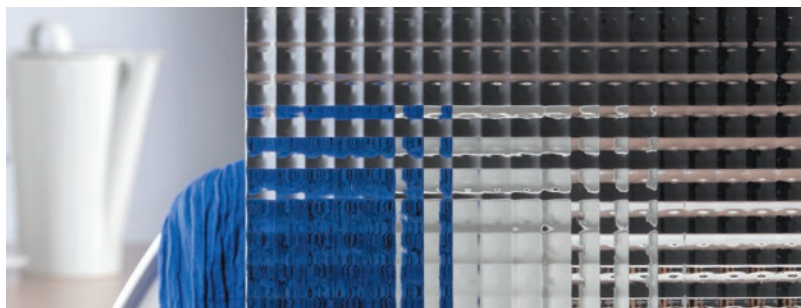
CLEAR PATTERNED GLASS



IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.



Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

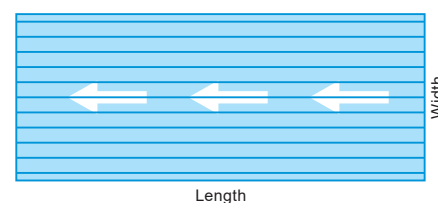
Standard		Non-standard	
Thickness (mm)	Dimensions* (length × width in mm)	Thickness (mm)	Maximum dimensions (length × width in mm)
5	2540 x 1850	6	3750 × 2040
	3350 x 1850	8	

* maximum dimensions 3750 × 1850 mm

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	12.5 × 12.5 ± 0.3 mm		3 mm / 1 m	6 mm / 1 m

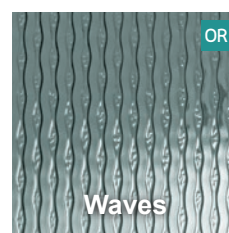
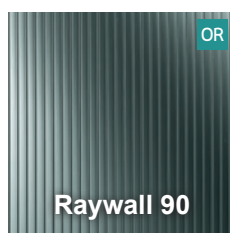
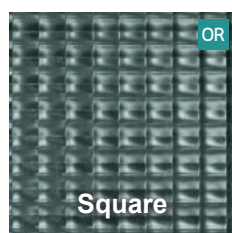
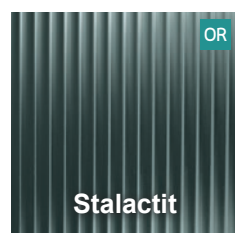
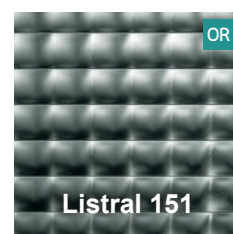
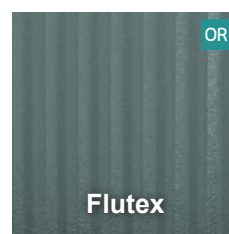
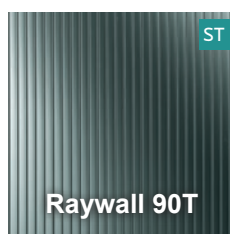
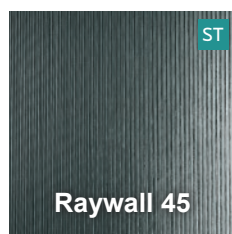
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
5		± 0.5	✓	✗	✓
	6	± 0.5	✓	✗	✓
	8	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	82/7/7	80/7/7	77/7/7
Solar Factor: g	85	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Raywall 45

CLEAR PATTERNED GLASS



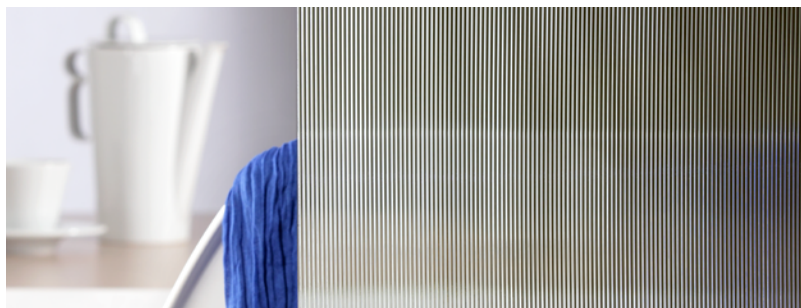
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	3350 × 1850

* maximum dimensions 3750 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850
6	
8	
10	

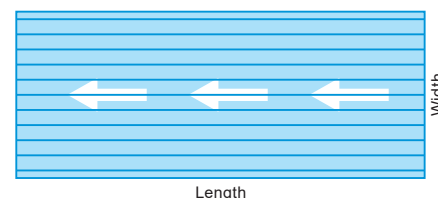
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	4 ± 0.3 mm		3 mm / 1 m	—

Pattern direction

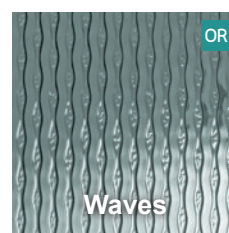
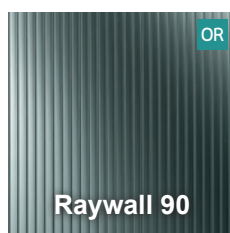
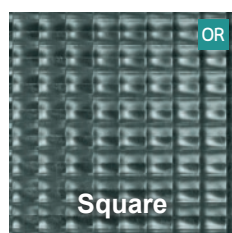
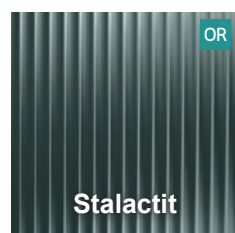
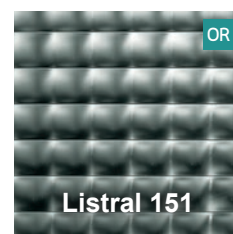
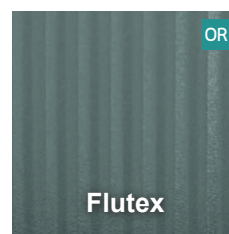
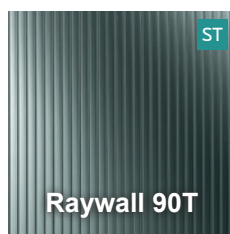
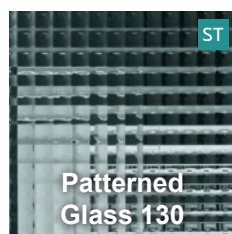
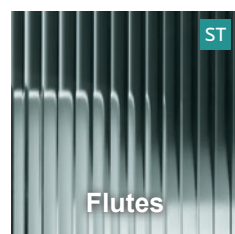


Special information

Special functional pattern developed for control of solar gains. In winter period enhances solar gains, in summer provides solar protection. The product as a raster glass is intended for geographical areas in the latitude between 45° and 55°.

The aforementioned pattern is sufficient to cover the needs for summertime shading in the concerned geographical latitudes, namely for roofs having the ramp in range from 35 to 40°.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4		± 0.5	✗	✓*	✓
	5	± 0.5	✗	✓*	✓
	6	± 0.5	✗	✓*	✓
	8	± 0.8	✗	✓*	✗
	10	± 1.0	✗	✓*	✗

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Raywall 90

CLEAR PATTERNED GLASS



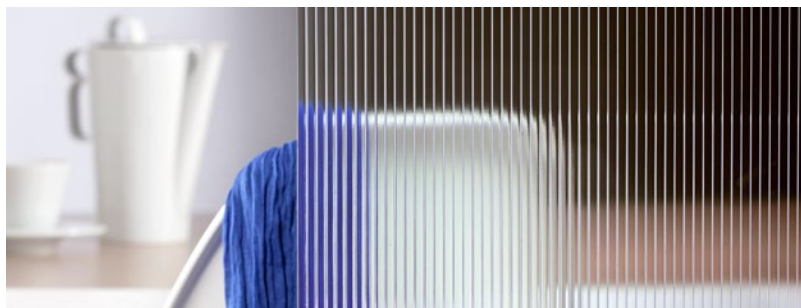
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
5	3750 x 1850
6	
8	
10	

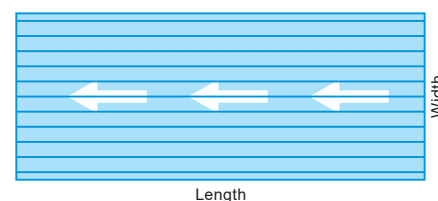
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	7.5 ± 0.3 mm		3 mm / 1 m	—

Pattern direction:

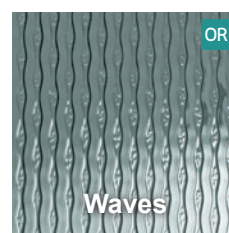
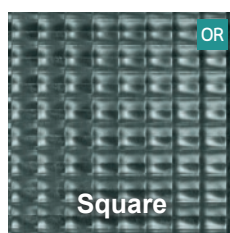
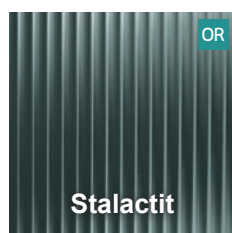
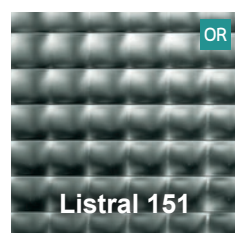
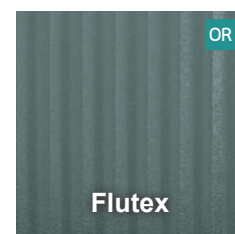
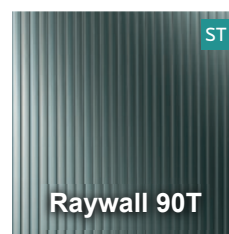
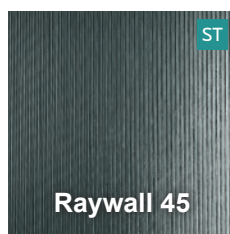
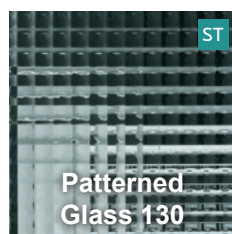


Special information

Special functional pattern developed for control of solar gains. In winter period enhances solar gains, in summer provides solar protection. The product as a raster glass is intended for geographical areas in the latitude between 45° and 55°.

The raster reflects the direct component of solar radiation in range from 48 to 61° (elevation of Sun).

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	✗	✓*	✓
6	± 0.5	✗	✓*	✓
8	± 0.8	✗	✓*	✗
10	± 1.0	✗	✓*	✗

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	85	83	81	79
Colour Rendering (EN 410): Ra	99	98	98	97
UV Transmission (EN 410)	60	57	52	48

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Raywall 90T

CLEAR PATTERNED GLASS



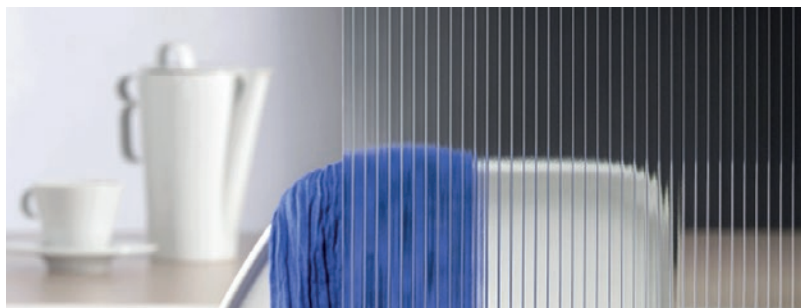
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	3350 × 1850
6	3350 × 1850
8	2130 × 1850
	3350 × 1850

* maximum dimensions 3750 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850
10	

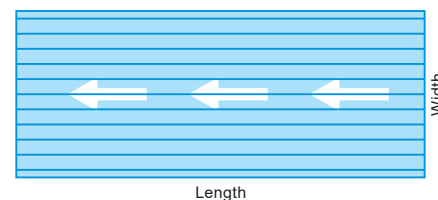
Minimum order

Non-standard thickness: half load can be produced during standard pattern run

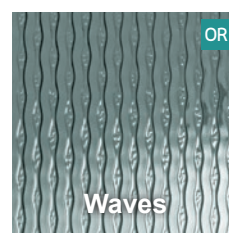
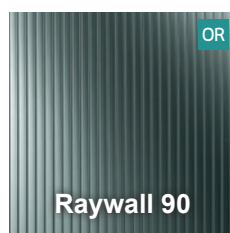
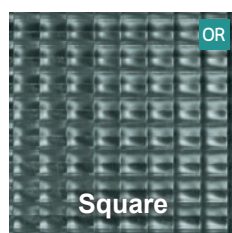
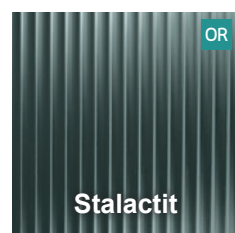
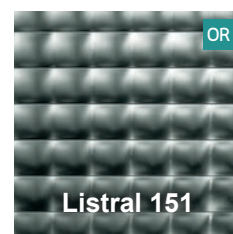
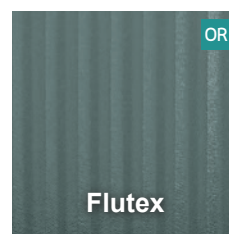
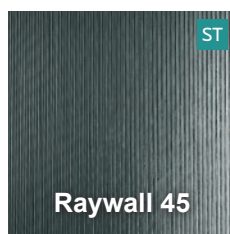
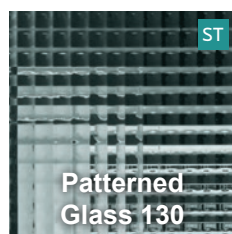
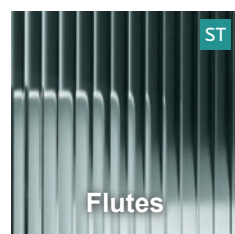
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	7.5 ± 0.3 mm		3 mm / 1 m	—

Pattern direction:



Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4	5	± 0.5	✓	✓*	✓
		± 0.5	✓	✓*	✓
6	10	± 0.5	✓	✓*	✓
8		± 0.8	✓	✓*	✗
		± 1.0	✓	✓*	✗

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	82/7/7	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	85	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

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Square

CLEAR PATTERNED GLASS



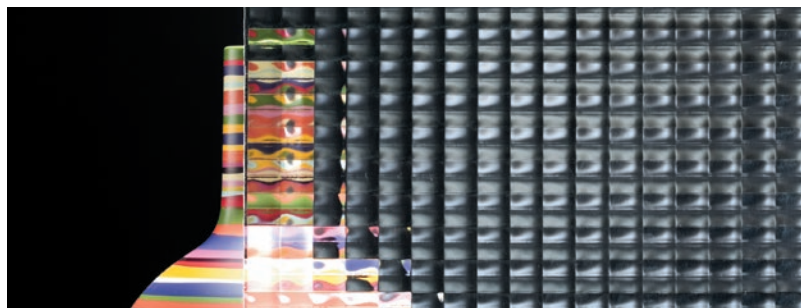
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1610

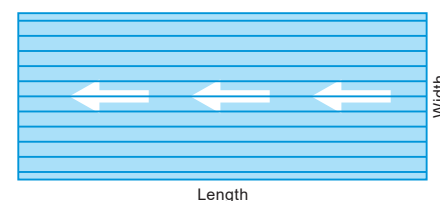
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	18 × 18 ± 0.3mm		3 mm / 1 m	6 mm / 1 m

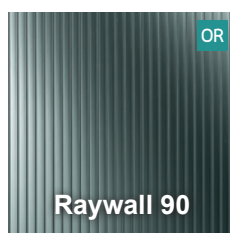
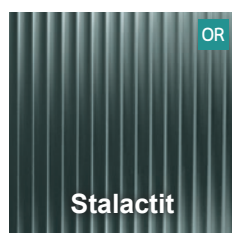
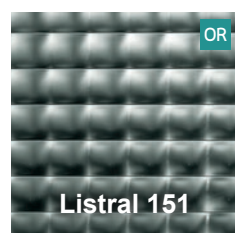
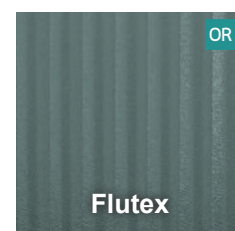
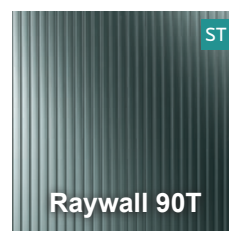
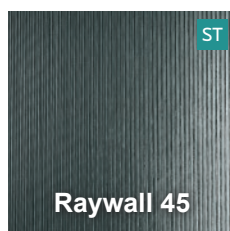
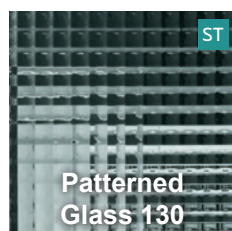
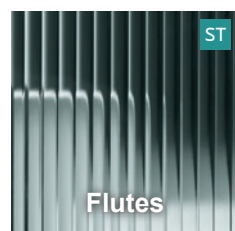
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)
U-value (EN 673)	5.8
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7
Solar Factor: g	85
Colour Rendering (EN 410): Ra	99
UV Transmission (EN 410)	60

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Stalactit

CLEAR PATTERNED GLASS



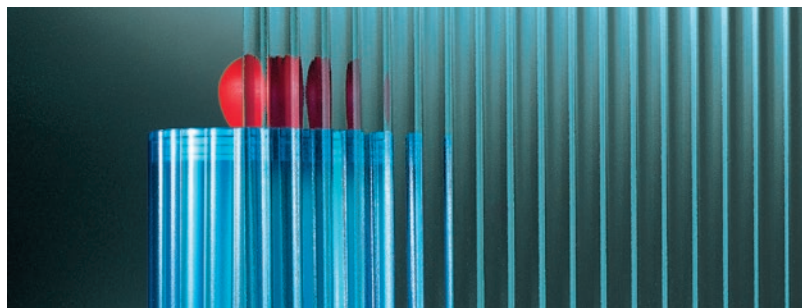
IMAGIN

Description

Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1650
5	
6	

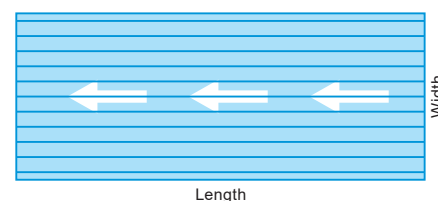
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	12.5 ± 0.3 mm		3 mm / 1 m	—

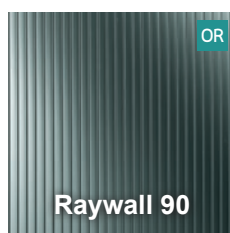
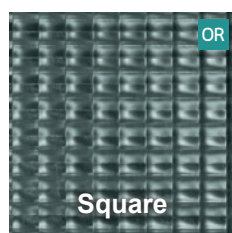
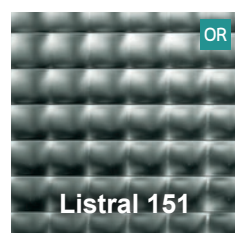
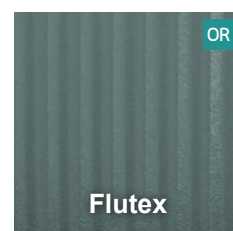
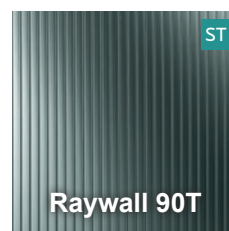
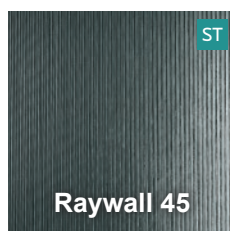
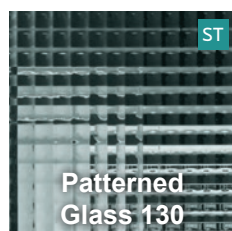
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Atlantic

CLEAR PATTERNED GLASS

AGC

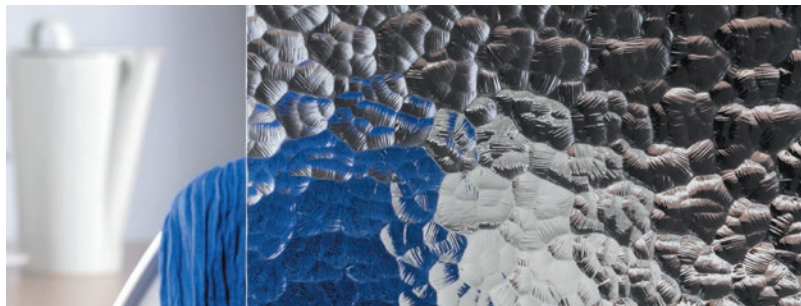
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3350 × 1850
5	3750 × 2040
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

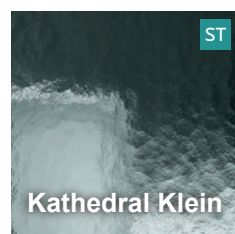
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

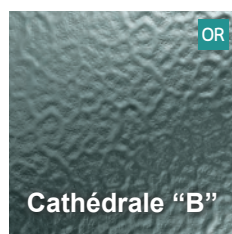
Special information

Also available on request with an embedded wire mesh.

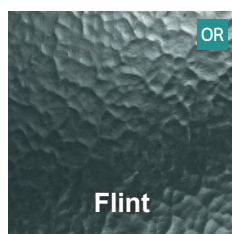
Similar patterns



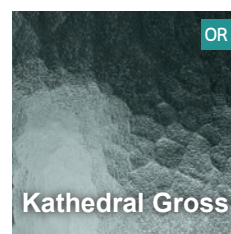
ST



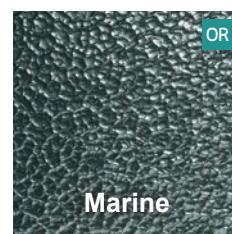
OR



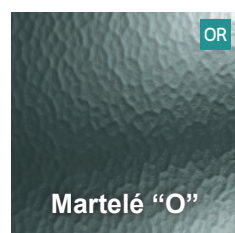
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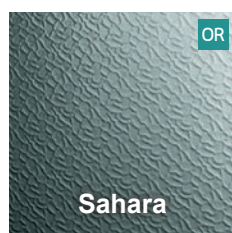
OR



OR



OR



OR

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Cathédrale "B"

CLEAR PATTERNED GLASS

AGC

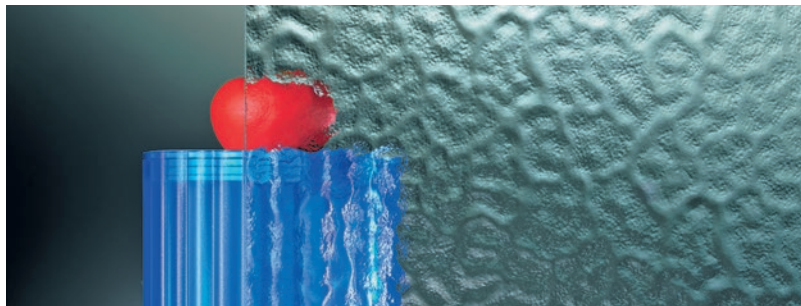
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

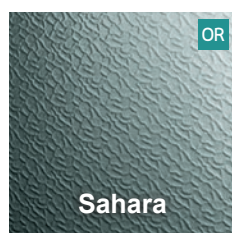
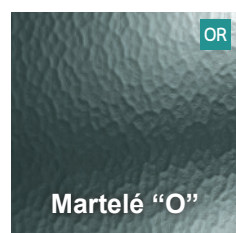
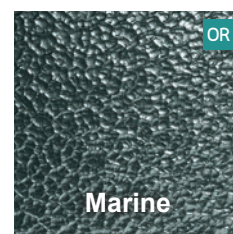
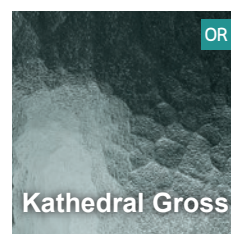
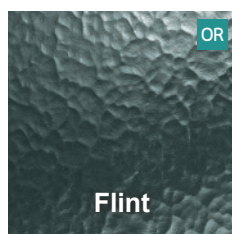
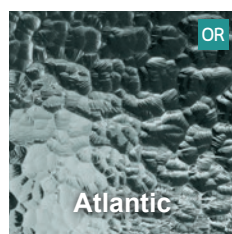
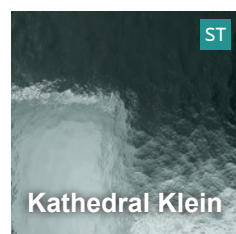
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Flint

CLEAR PATTERNED GLASS



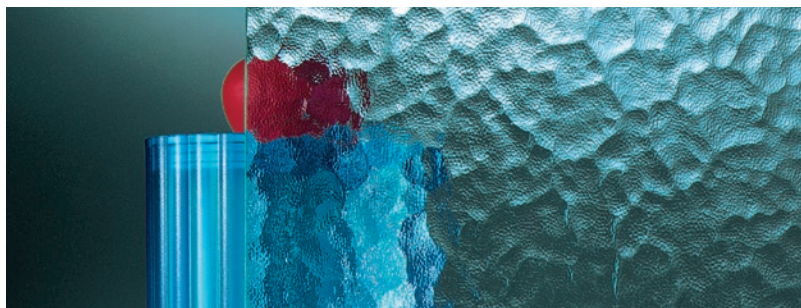
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

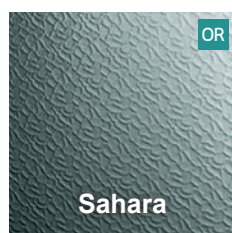
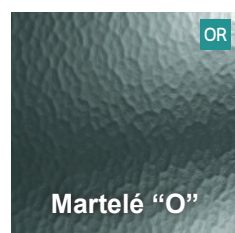
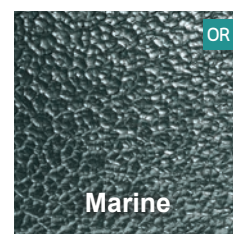
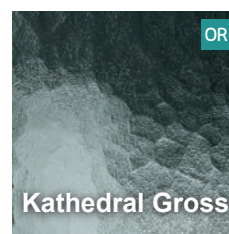
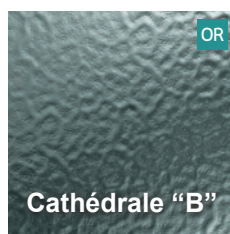
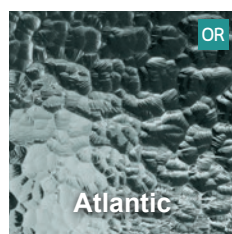
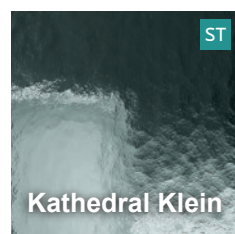
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Kathedral Gross

CLEAR PATTERNED GLASS

AGC

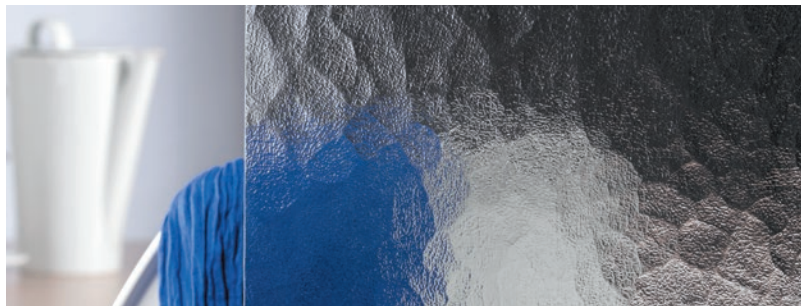
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

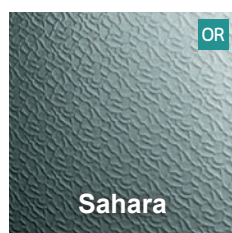
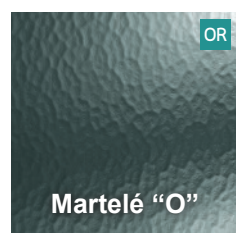
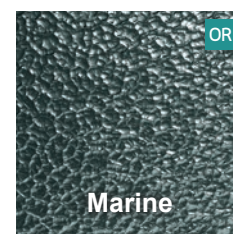
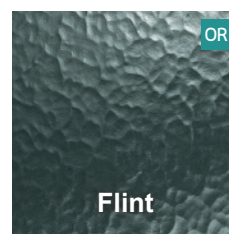
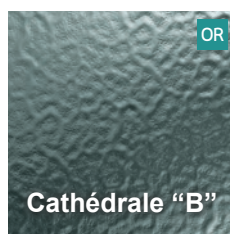
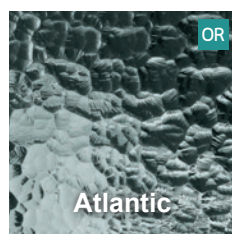
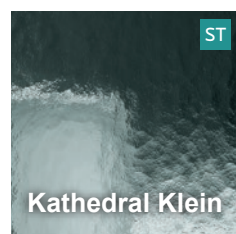
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4mm	5mm	6mm	8mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Kathedral Klein

CLEAR PATTERNED GLASS

AGC

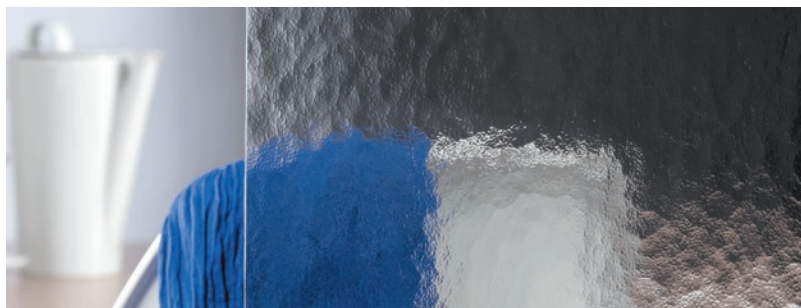
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3350 × 2040

* maximum dimensions 3750 × 2040 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 2040
6	
8	

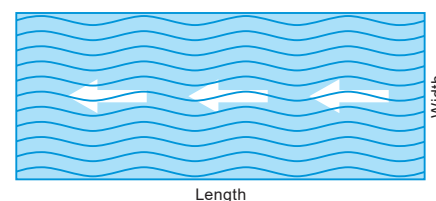
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

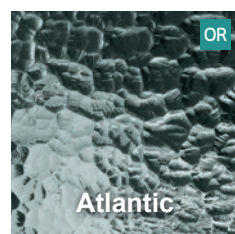
Pattern direction



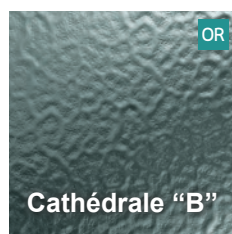
Special information

Perfect solution for greenhouses thanks to good light transmission together with diffusion of solar radiation.

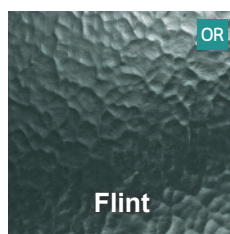
Similar patterns



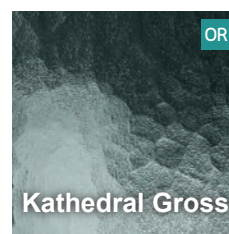
Atlantic



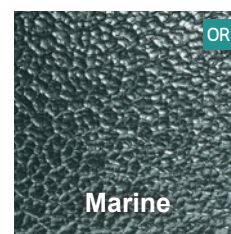
Cathédrale "B"



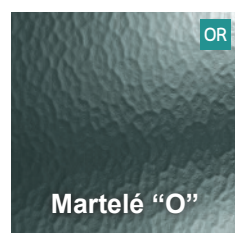
Flint



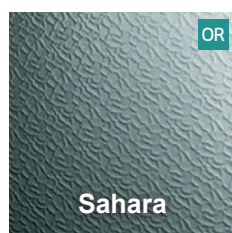
Kathedral Gross



Marine



Martelé "O"



Sahara

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4		± 0.5	✓	✗	✓
	5	± 0.5	✓	✗	✓
	6	± 0.5	✓	✗	✓
	8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Marine

CLEAR PATTERNED GLASS

AGC

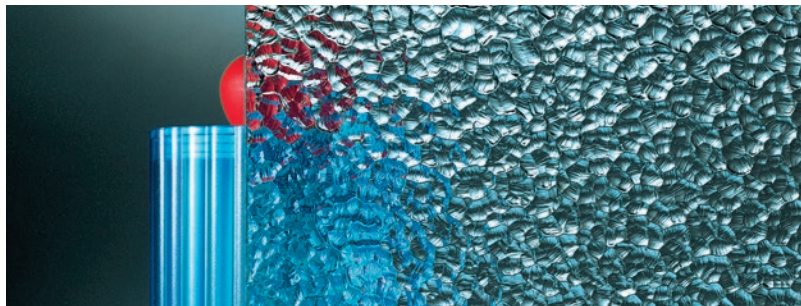
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

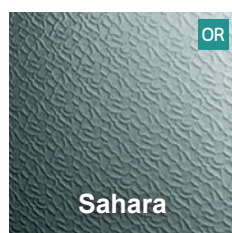
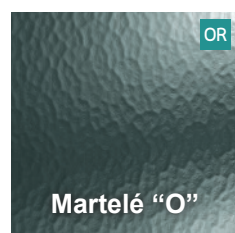
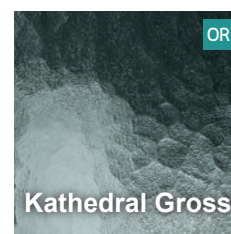
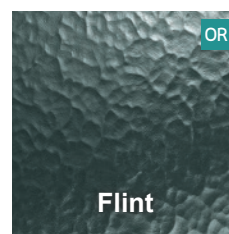
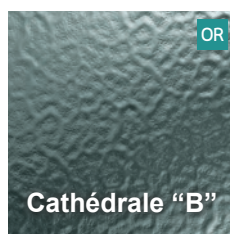
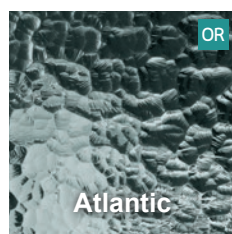
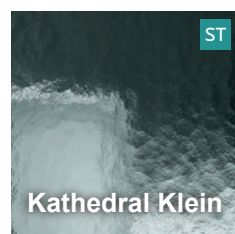
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

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	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
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Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Martelé "O"

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

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Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

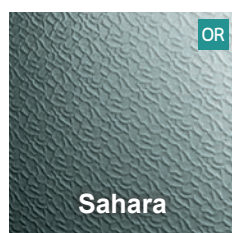
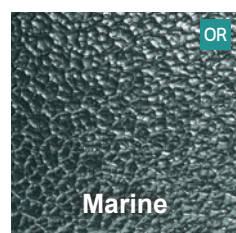
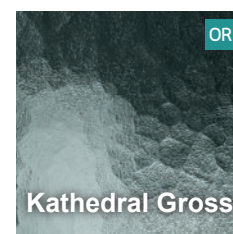
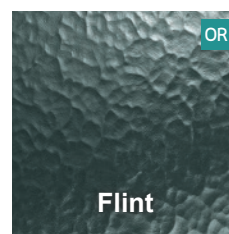
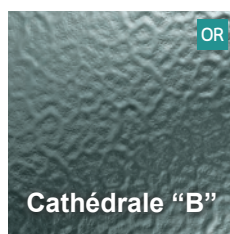
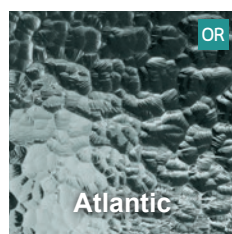
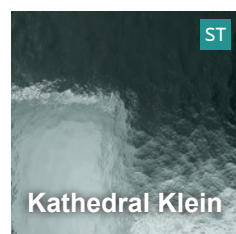
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
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	4mm	5mm	6mm	8mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
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Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Sahara

CLEAR PATTERNED GLASS

AGC

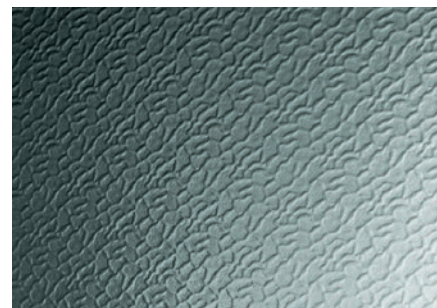
IMAGIN

Description

The Cathedrals pattern features pitting and irregular, broken lines. Grainy designs deliver superb privacy.

Applications

- furniture
- showers
- partitions
- doors
- windows
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

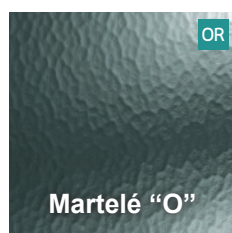
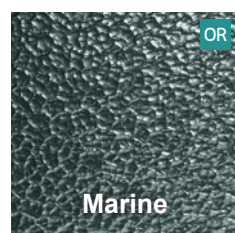
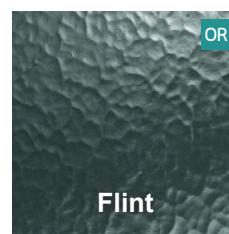
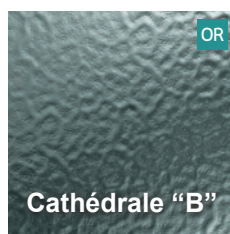
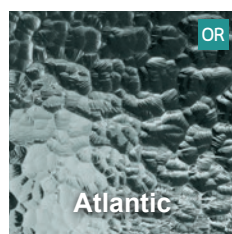
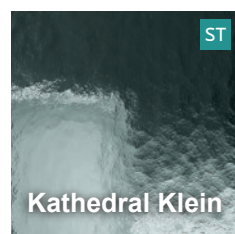
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Denim

CLEAR PATTERNED GLASS



IMAGIN

Description

A repeating symphony of superfine dots and points yields subtle designs capable of hiding objects behind the glass.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	



Minimum order

Pattern on request: 2 full loads (48 tons)

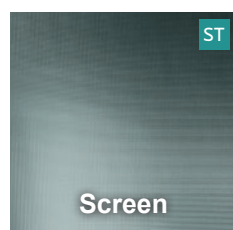
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	2.3 × 2.3 mm	—	3 mm / 1 m	8 mm / 1 m

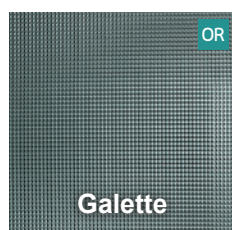
Special information

Double sided pattern: pattern Krizet on the bottom side and pattern Crepi on the top side. Also available on request with an embedded wire mesh.

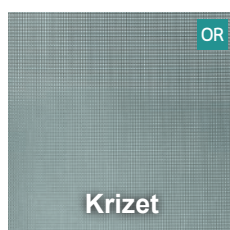
Similar patterns



ST Standard pattern



OR Pattern on request



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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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Galette

CLEAR PATTERNED GLASS



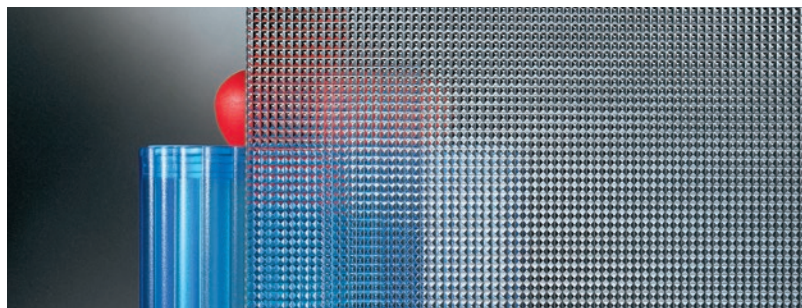
IMAGIN

Description

A repeating symphony of superfine dots and points yields subtle designs capable of hiding objects behind the glass.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	

Minimum order

Pattern on request: 2 full loads (48 tons)

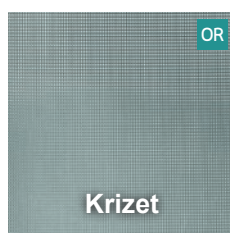
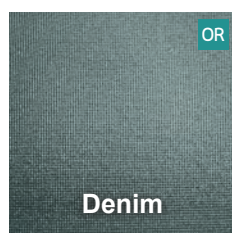
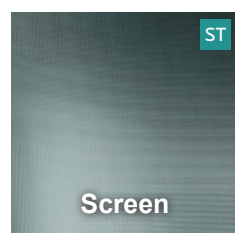
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	$3 \times 3 \pm 0.2 \text{ mm}$	—	3 mm / 1 m	8 mm / 1 m

Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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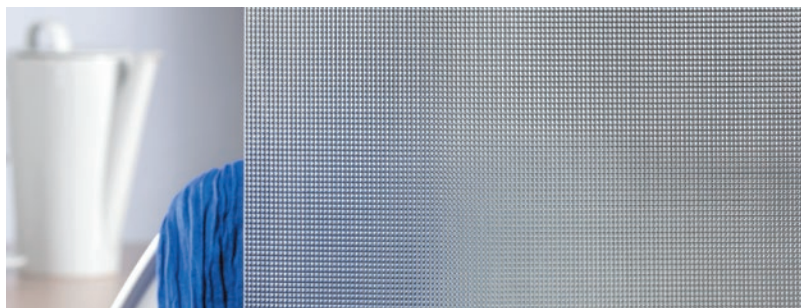
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Description

A repeating symphony of superfine dots and points yields subtle designs capable of hiding objects behind the glass.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	2540 × 1850
5	3750 × 2040
6	

Minimum order

Pattern on request: 2 full loads (48 tons)

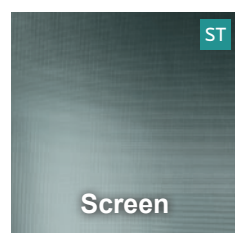
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	2.3 × 2.3 ± 0.2 mm	—	3 mm / 1 m	8 mm / 1 m

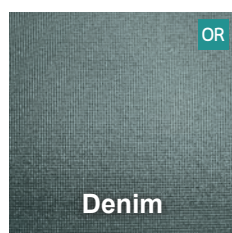
Special information

None.

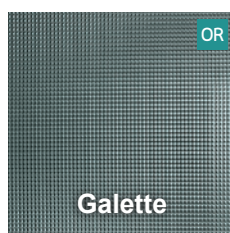
Similar patterns



Screen



Denim



Galette

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✓*	✓
5	± 0.5	✓	✓*	✓
6	± 0.5	✓	✓*	✓

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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Screen®

CLEAR PATTERNED GLASS

AGC

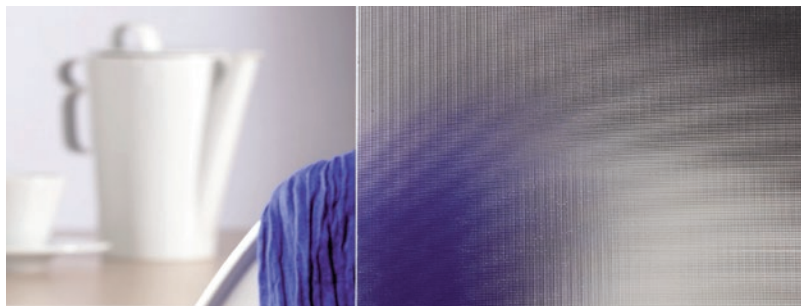
IMAGIN

Description

A repeating symphony of superfine dots and points yields subtle designs capable of hiding objects behind the glass.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1850
	3350 × 1850

* maximum dimensions 3750 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
3	3750 × 1850
5	
6	
8	

Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

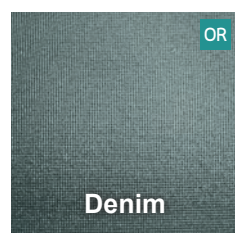
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	1 × 1 mm	—	—	—

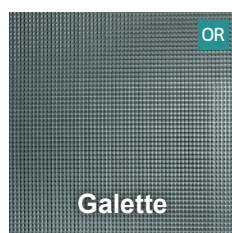
Special information

None.

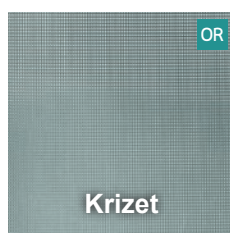
Similar patterns



OR



OR



OR

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
Standard	Non-standard				
4	3	± 0.5	✓	✓*	✗
		± 0.5	✓	✓*	✓
	5	± 0.5	✓	✓*	✓
	6	± 0.5	✓	✓*	✓
	8	± 0.8	✓	✓*	✓

* Lamination test before first production run is strictly recommended.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	3mm	4mm	5mm	6mm	8mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	29 (-2,-5)	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	86/8/8	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	87	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	99	98	98
UV Transmission (EN 410)	67	63	60	57	52

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Bucny

CLEAR PATTERNED GLASS



IMAGIN

Description

Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 2040

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	ø 50 mm	—	—	—

Special information

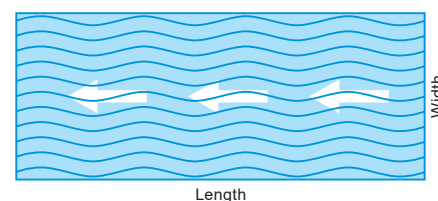
None.



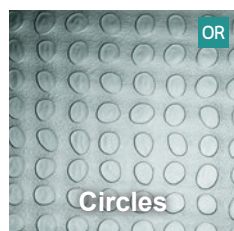
Minimum order

Pattern on request: 2 full loads (48 tons)

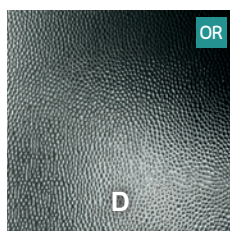
Pattern direction



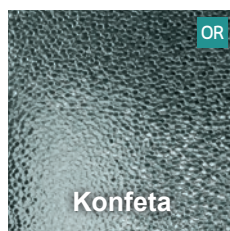
Similar patterns



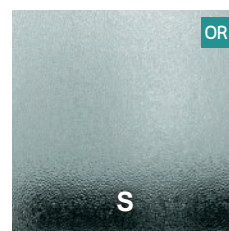
OR



OR



OR



OR

OR *Pattern on request*

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	5 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)
U-value (EN 673)	5.8
Light Transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8
Solar Transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	82/7/7
Solar Factor: g	85
Colour Rendering (EN 410): Ra	99
UV Transmission (EN 410)	60

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"D"

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	

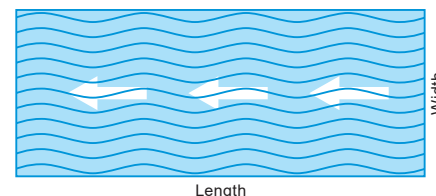
Minimum order

Pattern on request: 2 full loads
(48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

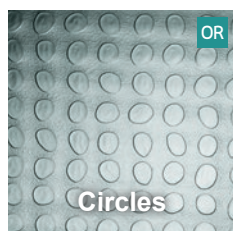
Pattern direction



Special information

Also available with an embedded wire mesh as standard wired patterned glass.

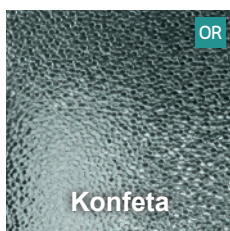
Similar patterns



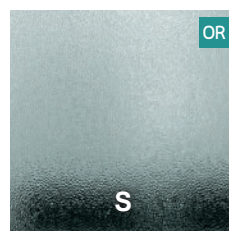
Circles



Bucny



Konfeta



S

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Konfeta

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	1200 × 1850
5	3750 × 2040
6	
8	
10	3750 × 1850

Minimum order

Pattern on request: 2 full loads
(48 tons)

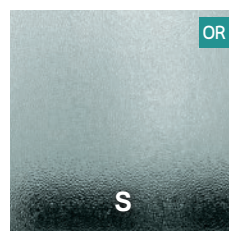
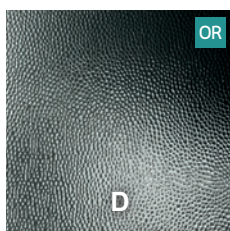
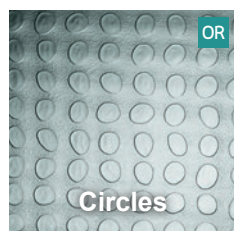
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

Also available on request with an embedded wire mesh.

Similar patterns



OR Pattern on request

[↑ BACK TO CONTENTS](#)

Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗
10	± 1.0	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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OLTRELUCÉ Circles®

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 x 2040
5	
6	
8	
10	

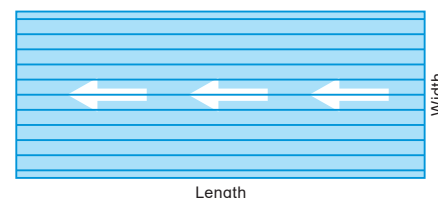
Minimum order

Pattern on request: 2 full loads (48 tons).

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	3 mm / 1 m	6 mm / 1 m

Pattern direction



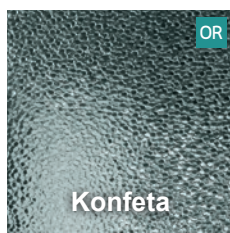
Special information

Can be silvered and back painted on request by manufacturer.
Pattern Oltreluce Circles © Michele De Lucchi

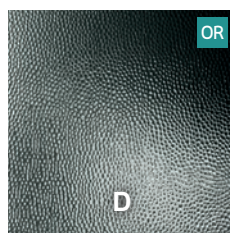
Similar patterns



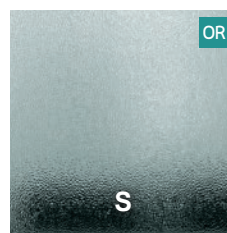
Bucny



Konfeta



D



S

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗
10	± 1.0	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4mm	5mm	6mm	8mm	10mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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"S"

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

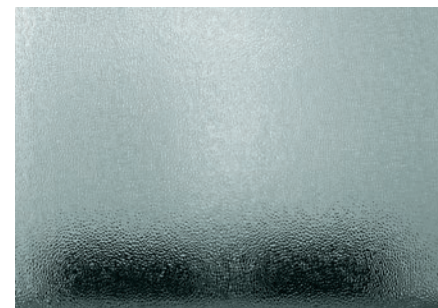
Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	
8	



Minimum order:

Pattern on request: 2 full loads
(48 tons)

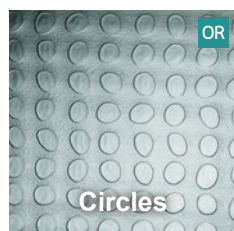
Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

Also available with an embedded wire mesh as standard wired patterned glass.

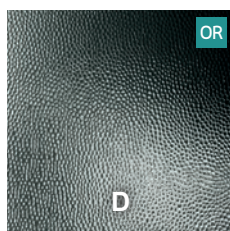
Similar patterns



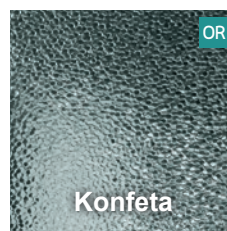
Circles



Bucny



D



Konfeta

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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Galaxy

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request

Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

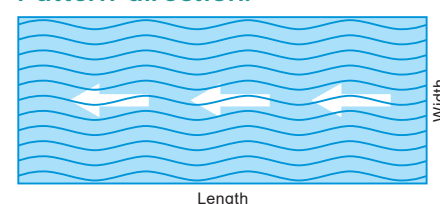
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

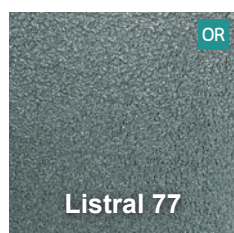
Pattern direction:



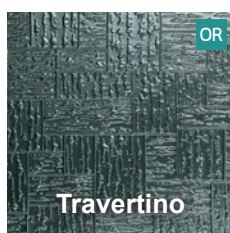
Special information

None.

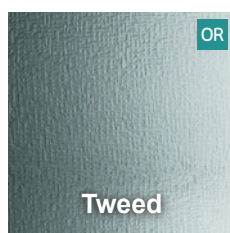
Similar patterns:



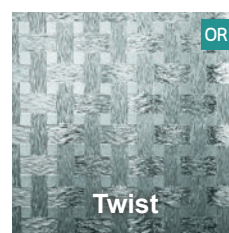
Lustral 77



Travertino



Tweed



Twist

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Listral 77

CLEAR PATTERNED GLASS



IMAGIN

Description

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

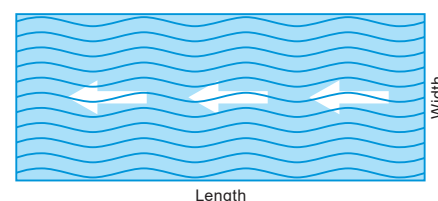
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

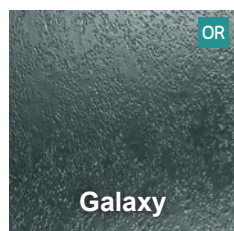
Pattern direction



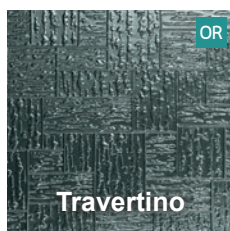
Special information

Also available on request with an embedded wire mesh.

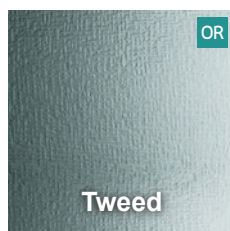
Similar patterns



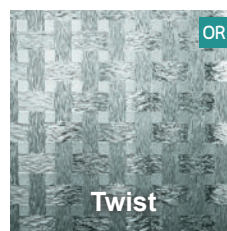
Galaxy



Travertino



Tweed



Twist

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	×	×	✓
5	± 0.5	×	×	✓
6	± 0.5	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Travertino

CLEAR PATTERNED GLASS

AGC

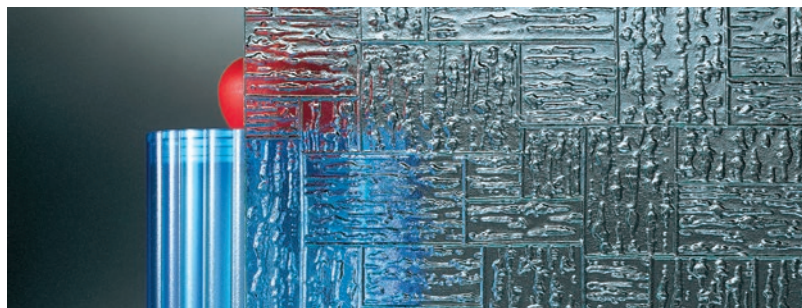
IMAGIN

Description

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

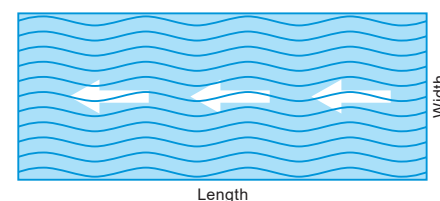
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

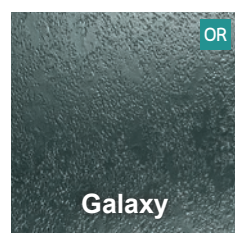
Pattern direction



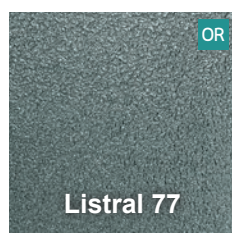
Special information

None.

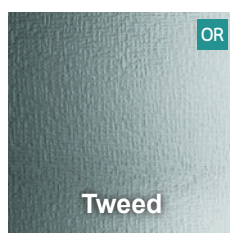
Similar patterns



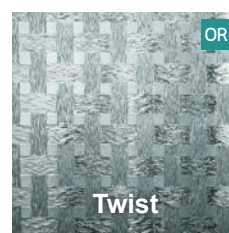
OR



OR



OR



OR

OR *Pattern on request*

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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Tweed

CLEAR PATTERNED GLASS



IMAGIN

Description

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	
8	

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Special information

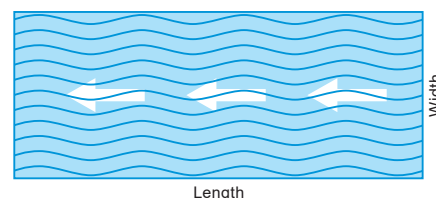
None.



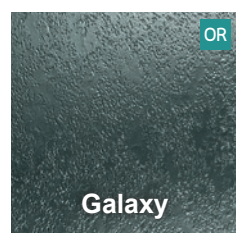
Minimum order

Pattern on request: 2 full loads (48 tons)

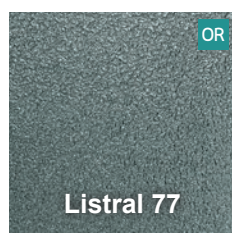
Pattern direction



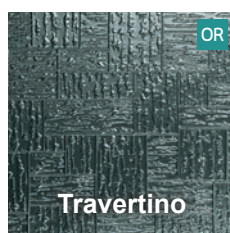
Similar patterns



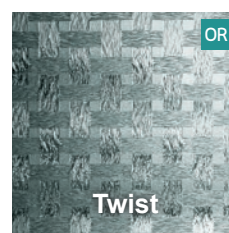
Galaxy



Listral 77



Travertino



Twist

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Twist

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Special information

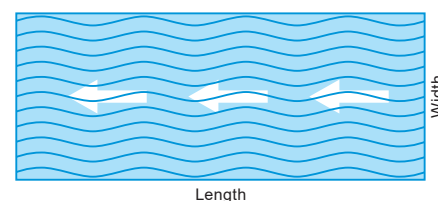
None.



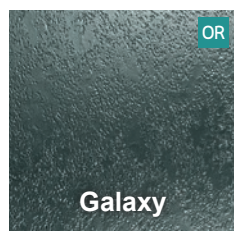
Minimum order

Pattern on request: 2 full loads (48 tons)

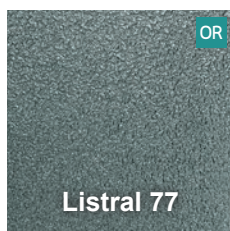
Pattern direction



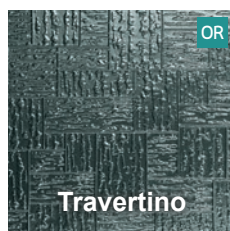
Similar patterns:



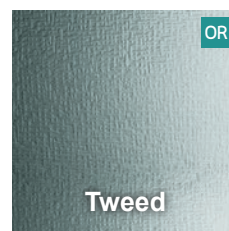
Galaxy



Listral 77



Travertino



Tweed

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Alexandria

CLEAR PATTERNED GLASS



IMAGIN

Description

These patterns use hieroglyphs from ancient civilizations as graphic design elements.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	

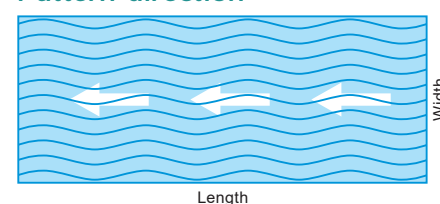
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



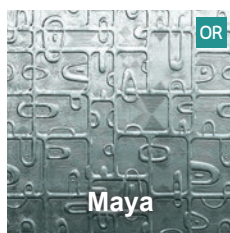
Special information

Also available on request with an embedded wire mesh.

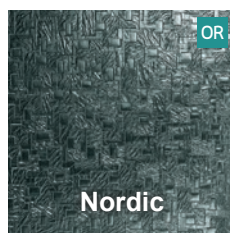
Similar patterns



Farao



Maya



Nordic

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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Farao

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

These patterns use hieroglyphs from ancient civilizations as graphic design elements.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	
8	
10	

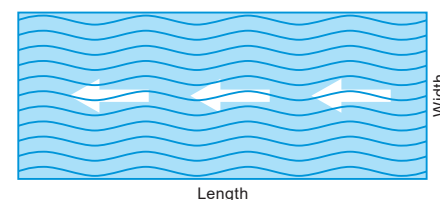
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



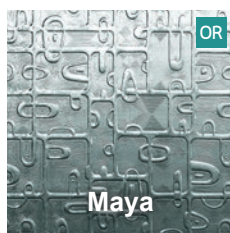
Special information

None.

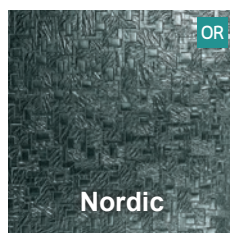
Similar patterns



Alexandria



Maya



Nordic

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✗	✗	✓
5	± 0.5	✗	✗	✓
6	± 0.5	✓	✗	✓
8	± 0.8	✓	✗	✗
10	± 1.0	✓	✗	✗

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4mm	5mm	6mm	8mm	10mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7	77/7/7	74/7/7
Solar Factor: g	86	85	83	81	79
Colour Rendering (EN 410): Ra	99	99	98	98	97
UV Transmission (EN 410)	63	60	57	52	48

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Description

These patterns use hieroglyphs from ancient civilizations as graphic design elements.

Applications

- furniture
- windows
- atriums
- doors
- façades
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3750 × 1850
6	
8	

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Special information

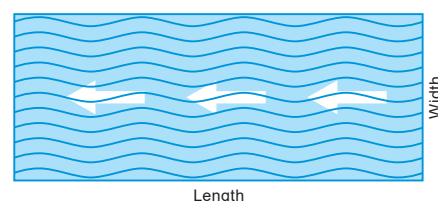
None.



Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern direction



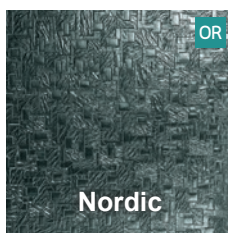
Similar patterns:



Alexandria



Farao



Nordic

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
5	± 0.5	×	×	✓
6	± 0.5	×	×	✓
8	± 0.8	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

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	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	82/7/7	80/7/7	77/7/7
Solar Factor: g	85	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	60	57	52

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Nordic

CLEAR PATTERNED GLASS

AGC

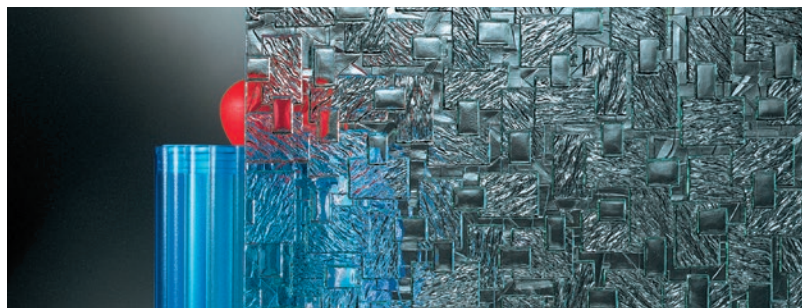
IMAGIN

Description

These patterns use hieroglyphs from ancient civilizations as graphic design elements.

Applications

- furniture
- showers
- partitions
- doors
- windows
- façades
- atriums
- roofs
- etc.



Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 2040
5	
6	

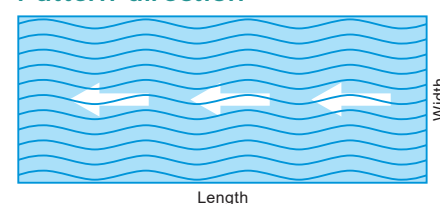
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction



Special information

Also available on request with an embedded wire mesh.

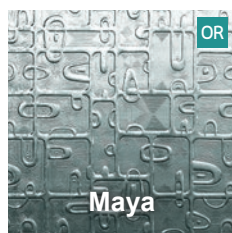
Similar patterns



Alexandria



Farao



Maya

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
4	± 0.5	✓	✗	✓
5	± 0.5	✓	✗	✓
6	± 0.5	✓	✗	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Wired Alexandria

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

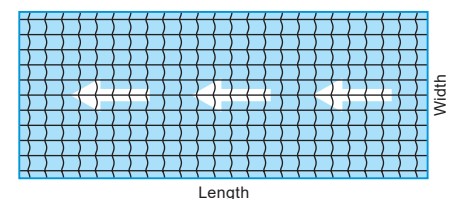
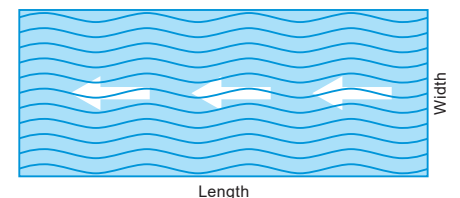
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

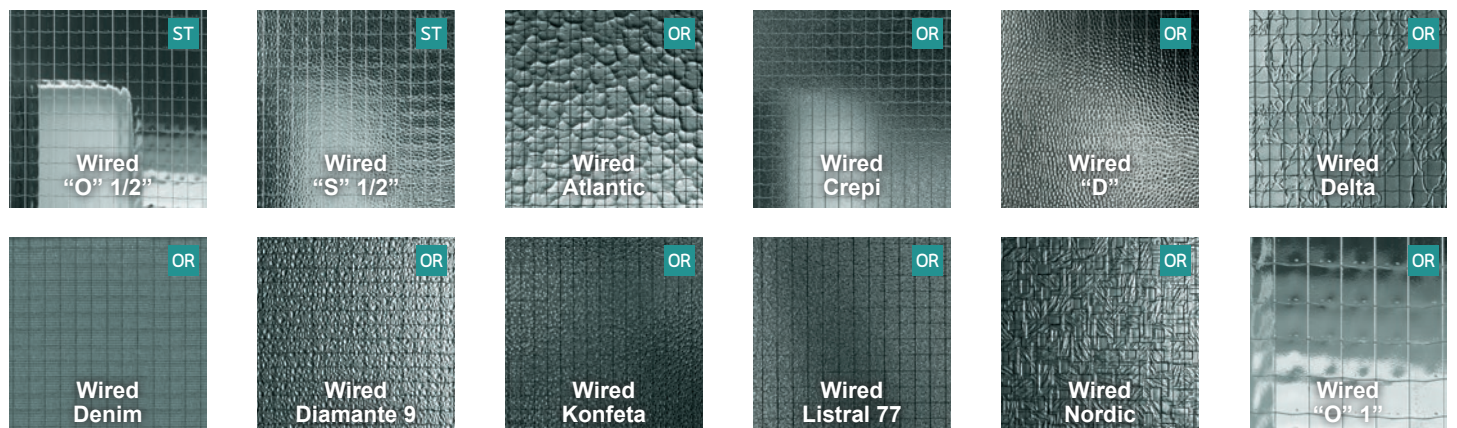
Pattern and wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	7 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Atlantic

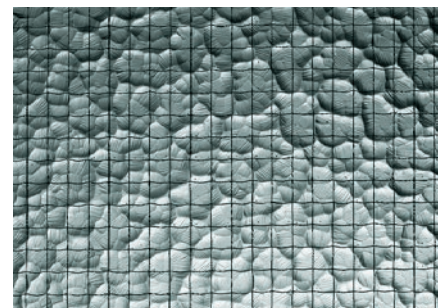
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

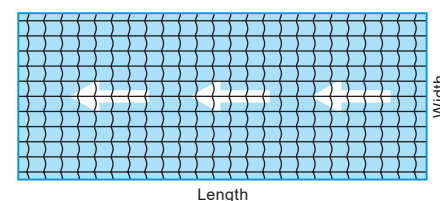
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	—	—	—	12 mm / 1 m

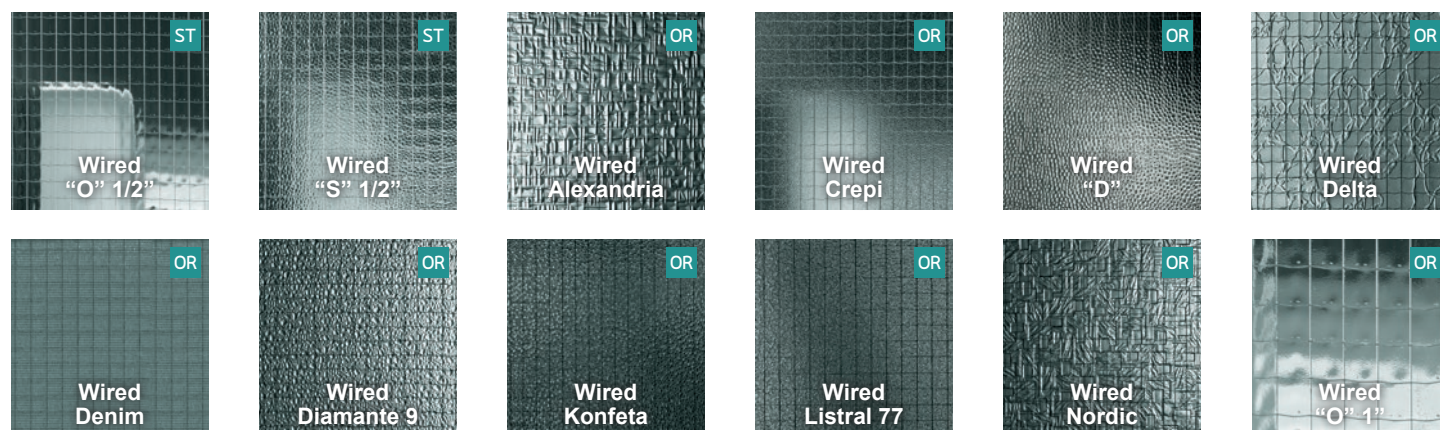
Wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	7 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Crepi

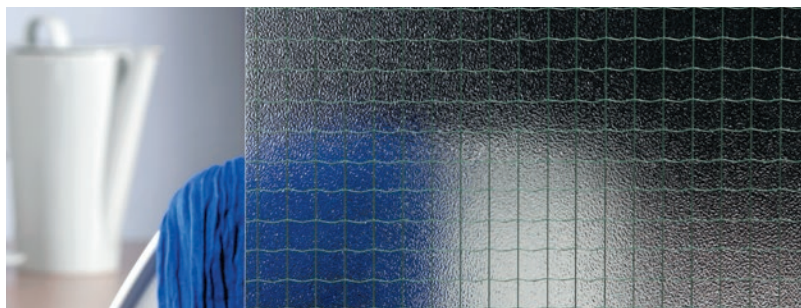
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
6	2540 × 1850
	3350 × 2040
7	3750 × 2040

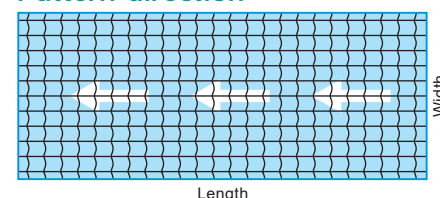
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	—	—	—	12 mm / 1 m

Pattern direction



Special information

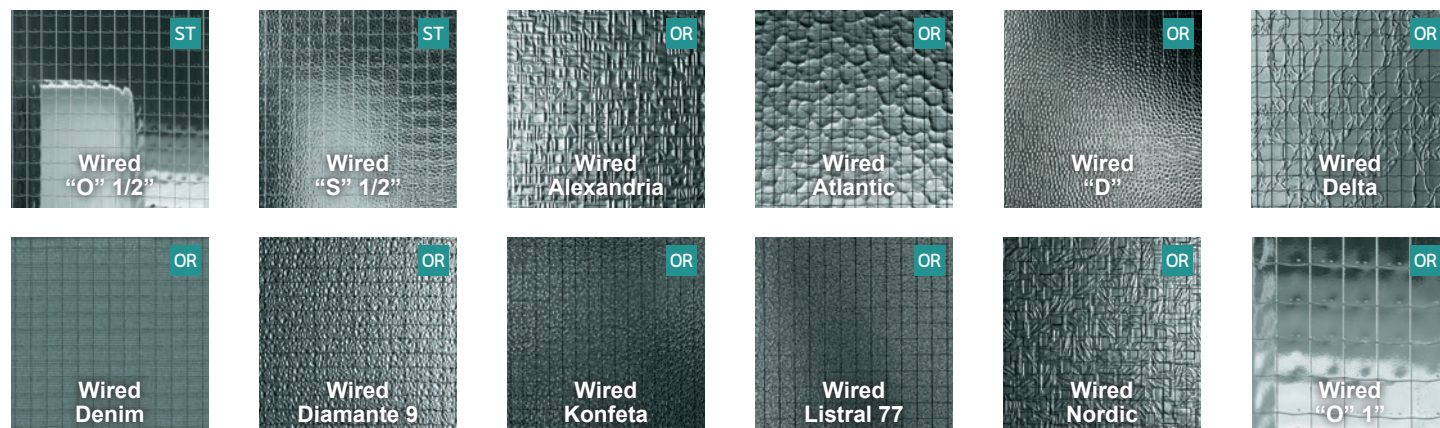
The dimensions of each wire mesh element is 1/2" × 1/2".

Not tested for resistance to fire. In case of need check other wired products.

Also available without a wire mesh as standard patterned glass.

Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	6 mm	7 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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Wired "D"

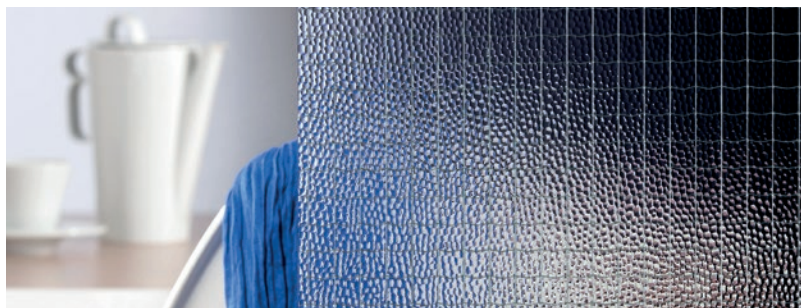
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
6	3750 x 2040
7	3750 x 2040

Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information

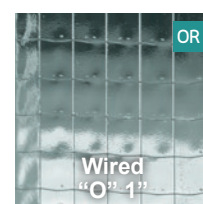
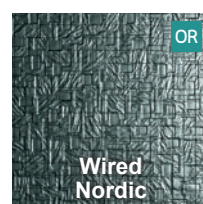
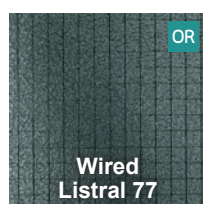
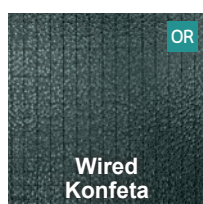
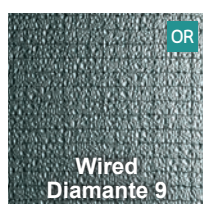
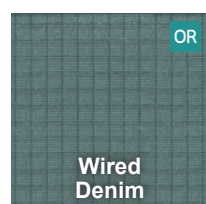
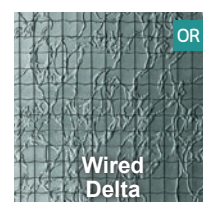
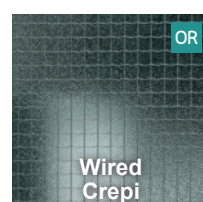
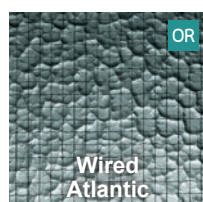
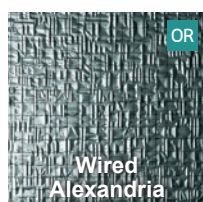
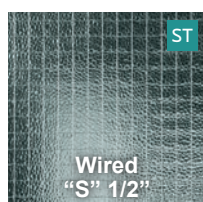
The dimensions of each wire mesh element is 1/2" x 1/2".

Not tested for resistance to fire.

Also available on request without a wire mesh as patterned glass.

Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

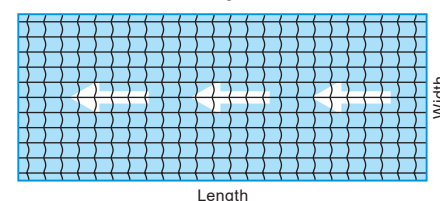
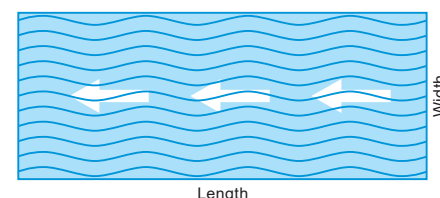
Other wired glass



ST Standard pattern

OR Pattern on request

Pattern and wire mesh direction



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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	6 mm	7 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Delta®

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.

Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

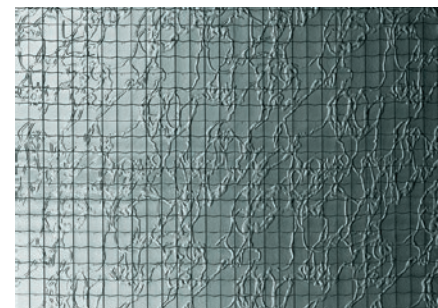
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
6	3750 × 1850
7	

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

Special information

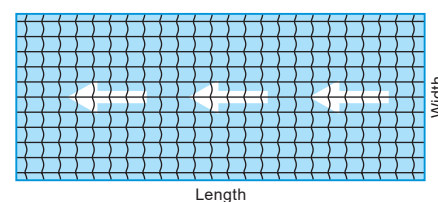
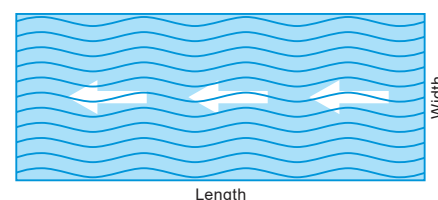
The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.



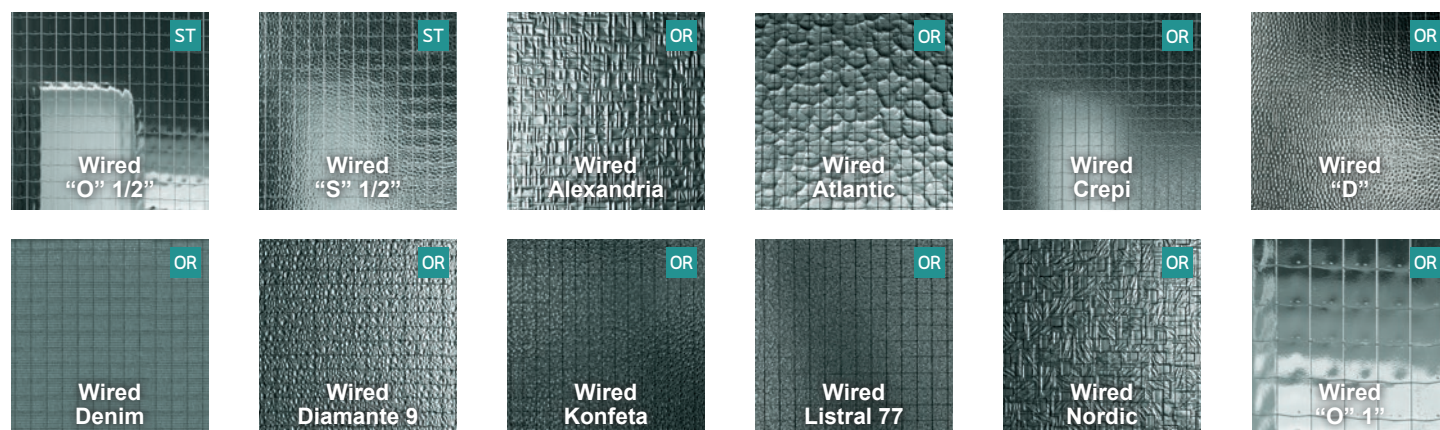
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern and wire mesh direction



Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	6 mm	7 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Denim

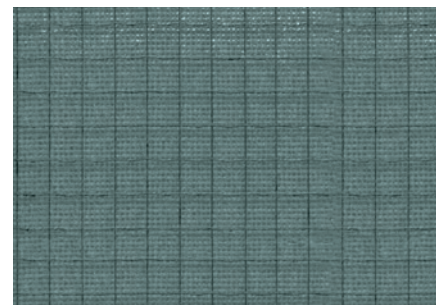
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

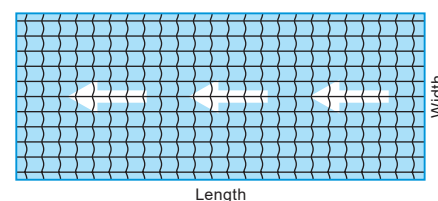
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Dimensions of pattern element	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	2.3 × 2.3 mm	3 mm / 1 m	8 mm / 1 m	12 mm / 1 m

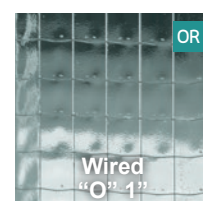
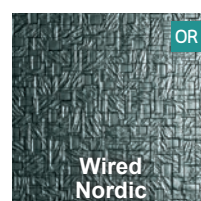
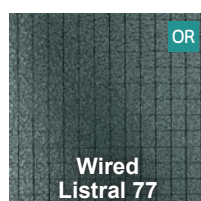
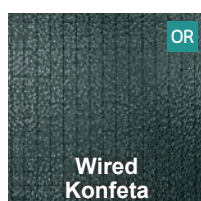
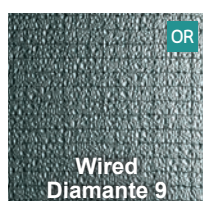
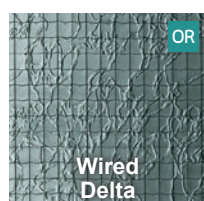
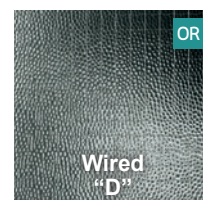
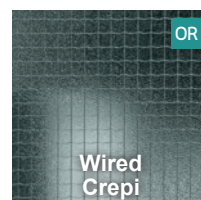
Wire mesh direction



Special information

Double sided pattern: pattern Krizet on the bottom side and pattern Crepi on the top side. The dimensions of each wire mesh element is 1/2" × 1/2". Not tested for resistance to fire. In case of need check other wired products. Also available on request without a wire mesh as patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	7 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Diamante 9

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

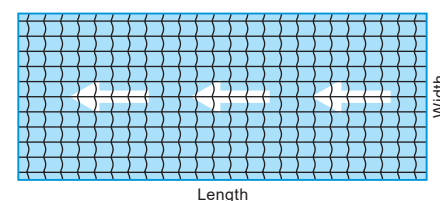
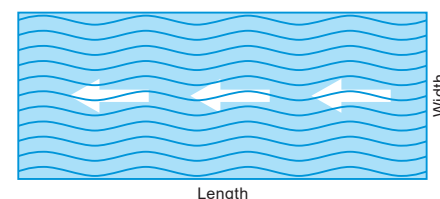
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

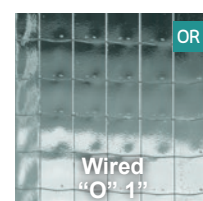
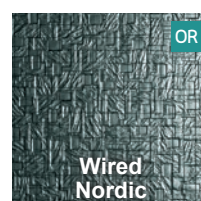
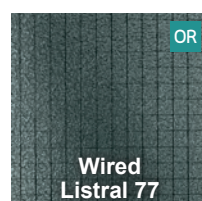
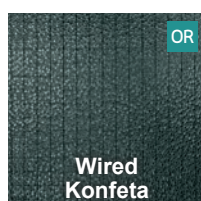
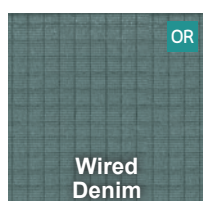
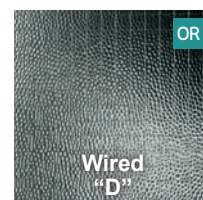
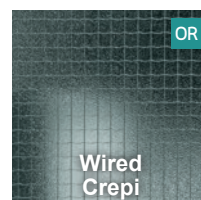
Pattern and wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	7 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired Konfeta

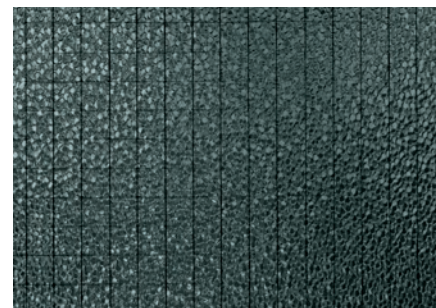
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
6	3750 × 2040
7	

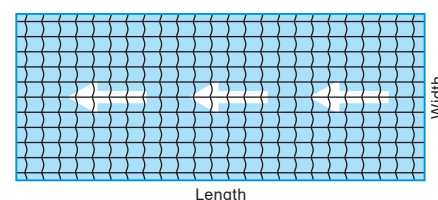
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	—	—	—	12 mm / 1 m

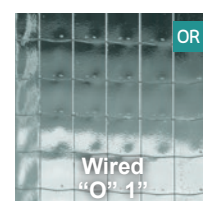
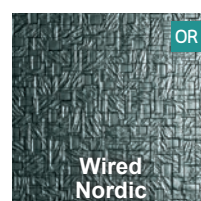
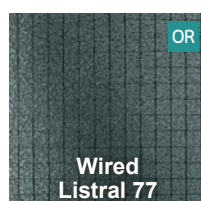
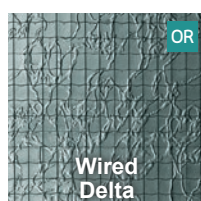
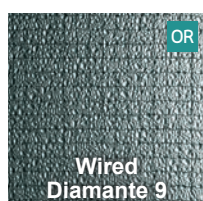
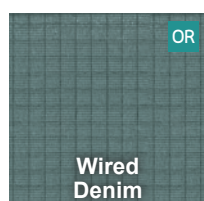
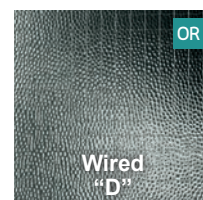
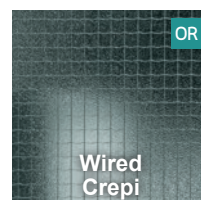
Wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7 × 10 ¹⁰ Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72 × 10 ³ J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9 × 10 ⁻⁶ /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	6 mm	7 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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Wired Listral 77

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.

Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
6	3750 × 1850
7	

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

Special information

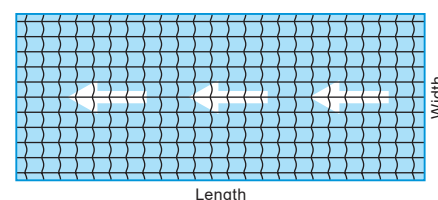
The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.



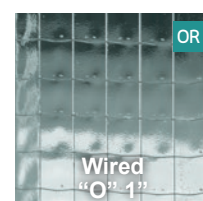
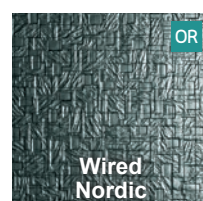
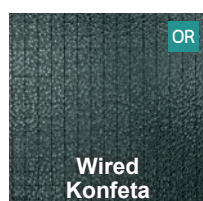
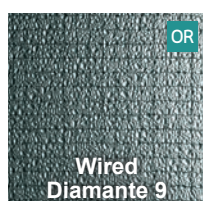
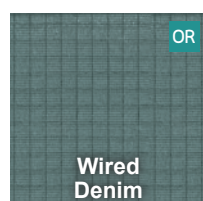
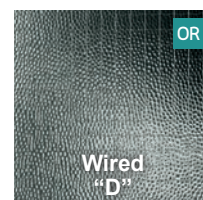
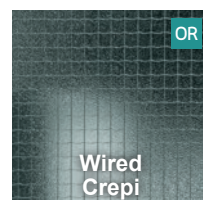
Minimum order

Pattern on request: 2 full loads (48 tons)

Wire mesh direction



Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7 × 10 ¹⁰ Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72 × 10 ³ J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9 × 10 ⁻⁶ /K
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	6 mm	7 mm
Resistance to fire (EN 13501-2)	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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Wired Nordic

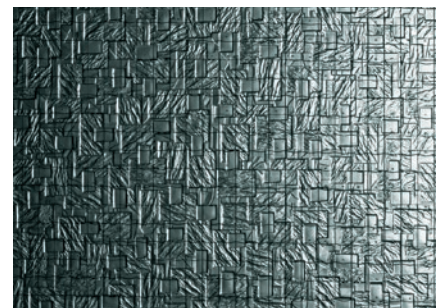
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

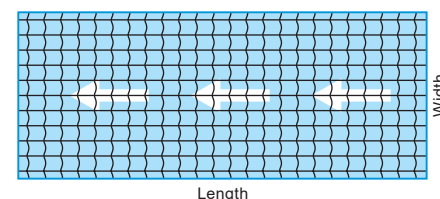
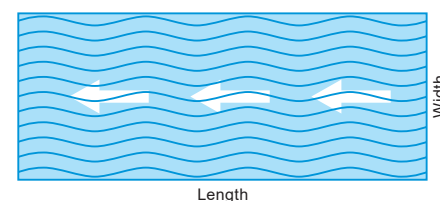
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

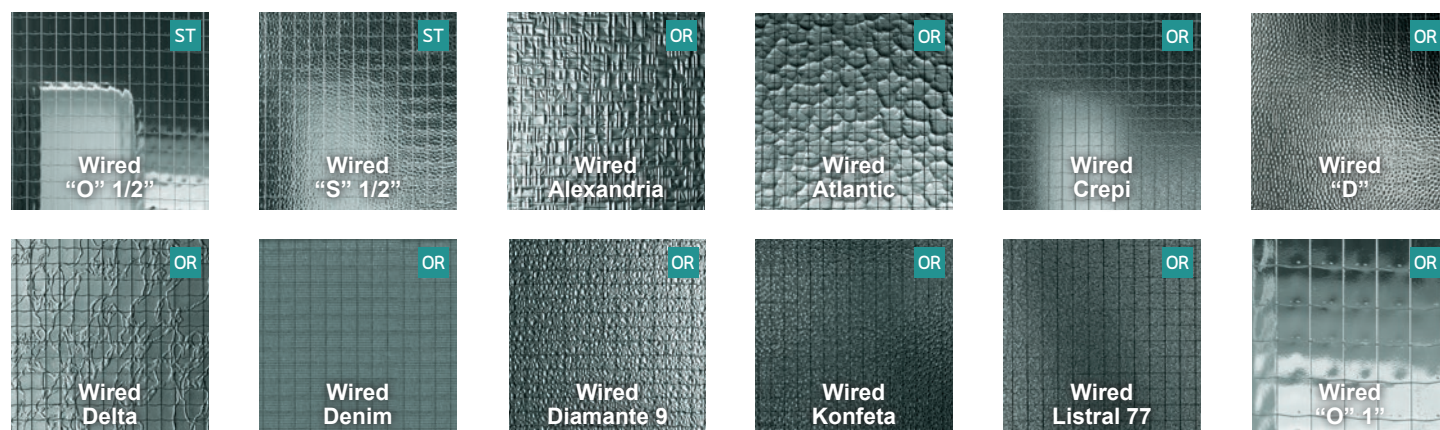
Pattern and wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Performances according to European standards

The AGC Glass Europe products fulfill the requirements of the relevant European Regulations and Directives applying to Construction products. Compliance with Construction Product Regulation 305/2011 and other relevant Health and Environment legislations can be found on the AGC website www.yourglass.com.

	7 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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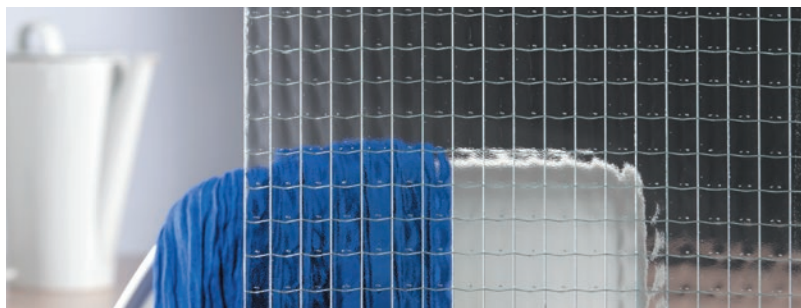
Wired "O" 1/2"

CLEAR PATTERNED GLASS

IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- partitions
- doors
- windows
- fire-resistant barriers
- etc.

Pattern availability

Standard		Non-standard	
Thickness (mm)	Dimensions* (length × width in mm)	Thickness (mm)	Maximum dimensions (length × width in mm)
6	2540 × 1850	7	3750 × 2040
	3350 × 2040		

* maximum dimensions 3750 × 2040 mm

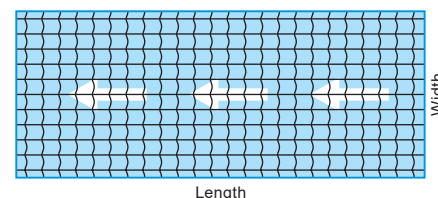
Minimum order

Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	—	—	—	12 mm / 1 m

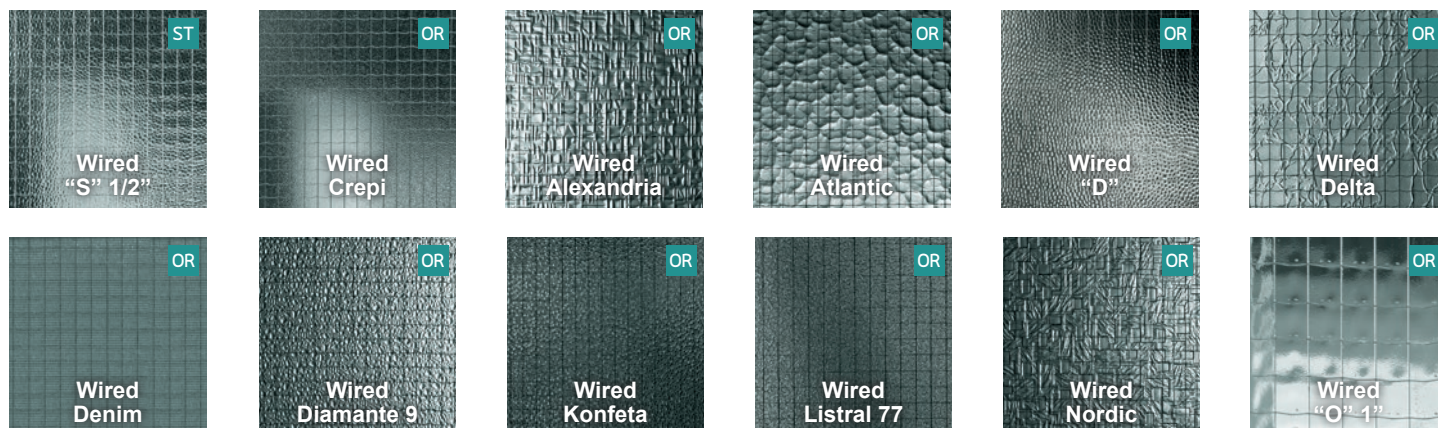
Wire mesh direction



Special information

The dimensions of each wire mesh element is 1/2" × 1/2". Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)		Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
Standard	Non-standard				
6		± 0.6	×	×	✓
	7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

AGC Glass Europe products comply with the relevant European regulations and directives on construction products. Further information about compliance with the Construction Product Regulation (305/2011) and other relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	6 mm	7 mm
Resistance to fire (EN 13501-2)	E30	E30
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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Wired "O" 1"

CLEAR PATTERNED GLASS

IMAGIN WIRED

Description

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Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
7	3750 × 2040

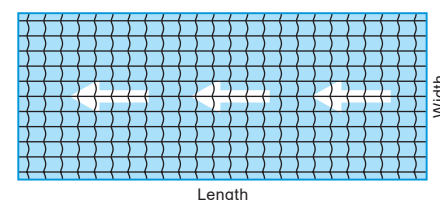
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1" × 1"	—	—	—	12 mm / 1 m

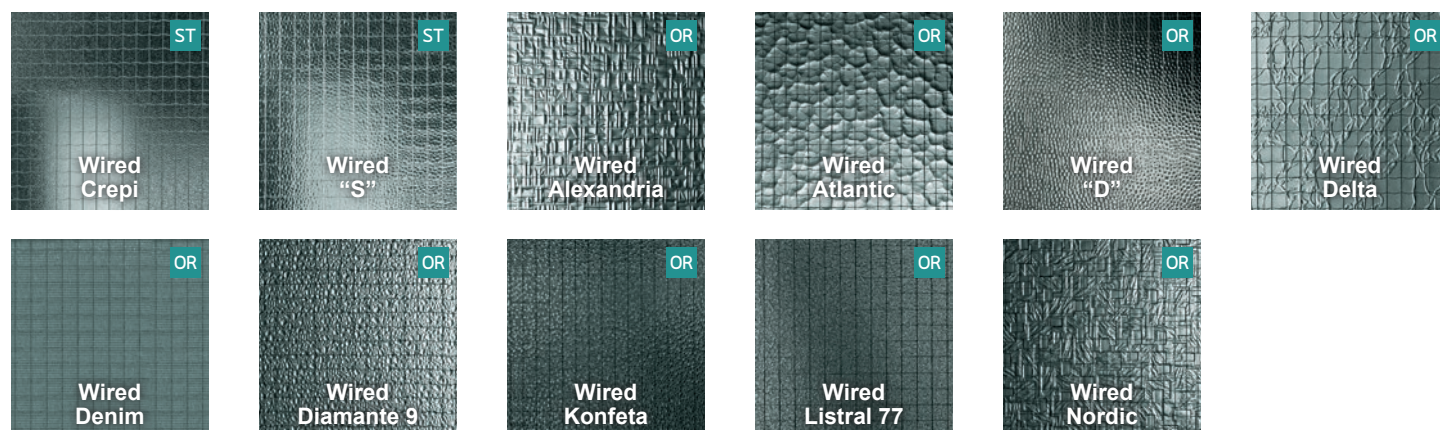
Wire mesh direction



Special information

The dimensions of each wire mesh element is 1" × 1". Also available with a wire mesh element measuring 1/2" × 1/2".

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	6 mm	7 mm
Resistance to fire (EN 13501-2)	E30	NPD
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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Wired "S" 1/2"

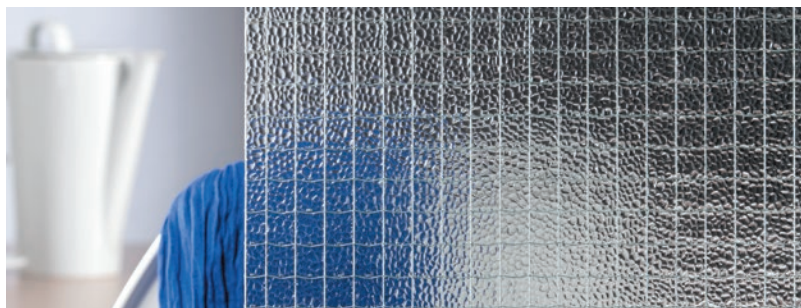
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

Wired glass features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.



Applications

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability

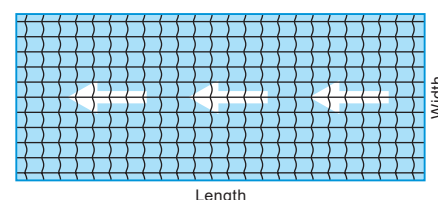
Standard	
Thickness (mm)	Dimensions* (length × width in mm)
6	2540 × 1850
7	3350 × 1850

* maximum dimensions 3750 × 2040 mm

Pattern description

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" × 1/2"	—	—	—	12 mm / 1 m

Wire mesh direction

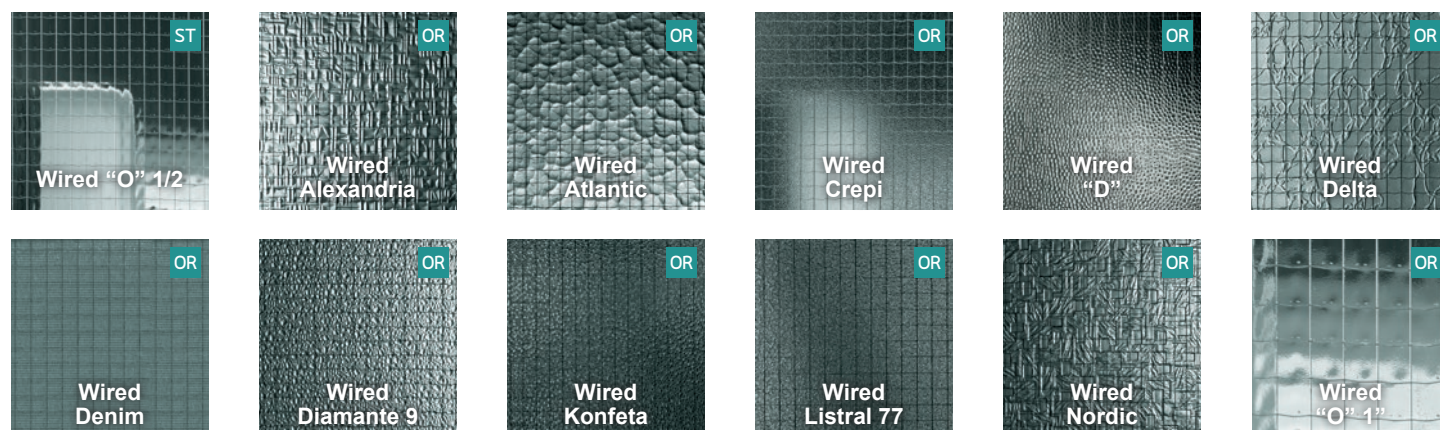


Special information

The dimensions of each wire mesh element is 1/2" × 1/2".

Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

Other wired glass



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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	6 mm	7 mm
Resistance to fire (EN 13501-2)	E30	E30
Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): $\tau_v / \rho_v / \rho'$	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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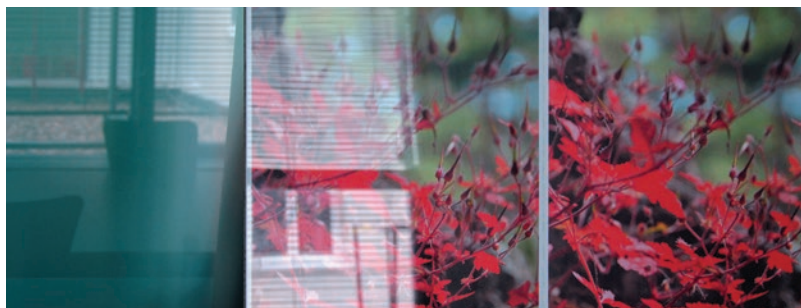
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Description

Framing glass is clear glass for picture frames that can be used to reduce the negative effect of light reflection. Anti-glare glass delivers excellent reproduction of contrasts and colours.

Applications

- picture framing



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
2	2130 × 1560

* maximum dimensions 3350 × 1560 mm

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

Perfect solution for picture framing due to optimal *Gloss*, *Haze* and *Clarity* parameters*. Excellent rendering of contrasts and colours. Easy to cut and clean.

* *Gloss* value represents antiglare effect of the surface treatment measured in light reflection. The lower gloss – the higher antiglare effect. The factors that affect gloss are the refractive index of the material, the angle of incident light and the surface topography.

Haze and Clarity are representatives of translucent appearance, a „milkiness“ appearance of glass.

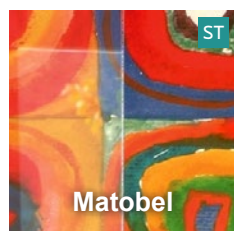
Haze value gives the percentage of scattered light through the glass measured in wide angle scattering.

Clarity values gives the percentage of scattered light through the glass seen in narrow angle scattering.

Unlike Haze, Clarity is distance dependent. The greater the distance between the specimen and the observed object behind, the worse the Clarity effect. The lower Haze - the less milky looks picture behind glass. The higher clarity – the brighter appearance of a picture behind glass.

Similar products within AGC range

Matobel – glass treated with an anti-glare coating on one side available in standard thickness of 1.9 mm.



ST Standard product

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Processability and thickness tolerance

Thickness (mm)	Thickness tolerance	Tempering	Lamination	IGU
2	from 1.85 up to 2.1	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9×10^{-6} /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Performances

Relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	2 mm
Gloss 60° *	Surface 1: 80 ± 15 G.U. Surface 2: 90 ± 15 G.U.
Haze **	≅ 10
Clarity	≅ 43
U-value (EN 673)	5.79
Light transmission / Reflection (EN 410): τ_v / ρ_v	91/8.1
Solar transmission / Reflection (EN 410): τ_e / ρ_e	89/7.8
Solar Factor: g	90
Colour Rendering (EN 410): Ra	99.2
UV Transmission (EN 410)	78

*Gloss at 60° as measured by micro-Tri-gloss (BYK-Gardner Instruments).

*Surfaces have slightly different antiglare effect. It allows to choose surface ensuring better appearance of framed picture in an installation.

**Haze and Clarity as measured by Haze-guard device from BYK-Gardner Instruments.

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