

Aero

CLEAR PATTERNED GLASS

AGC

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 x width in mm)
4	3750 x 1610
5	
6	

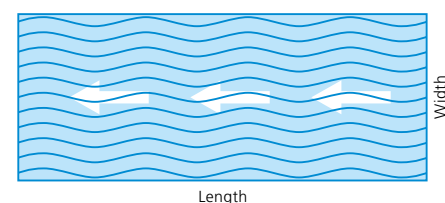
Minimum order

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

Also available on request in a sandblasted version.

Similar patterns



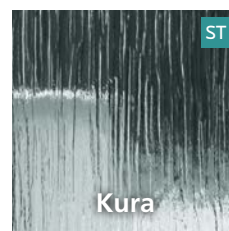
Bamboo



Delta



Diamante 9



Kura



Niagara

ST Standard pattern

[↑ 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	✓	✗	✓

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_w)	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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[↑ BACK TO CONTENTS](#)

Bamboo®

CLEAR PATTERNED GLASS



IMAGIN

Description

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Applications

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



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
5	2130 × 1610

* maximum dimensions 3750 × 1610 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
6	3750 × 1610
8	

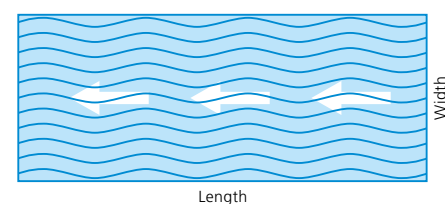
Minimum order

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

Also available in a sandblasted version.

Similar patterns



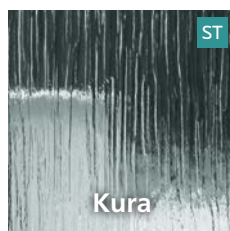
Delta

ST Standard pattern



Diamante 9

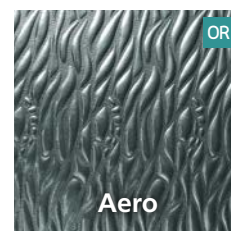
OR Pattern on request



Kura



Niagara



Aero

↑ BACK TO CONTENTS

Processability and thickness tolerance

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

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): 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

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[↑ BACK TO CONTENTS](#)

Delta[®]

CLEAR PATTERNED GLASS



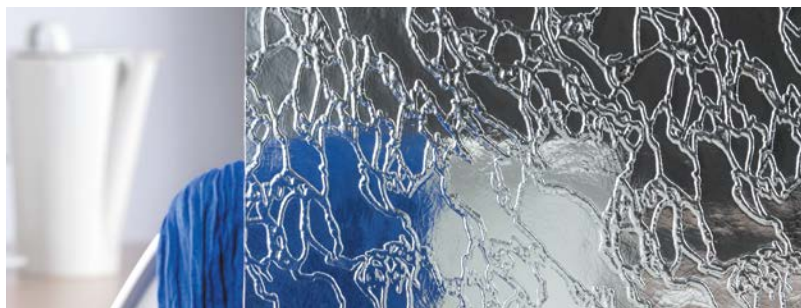
IMAGIN

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Applications

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



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2130 × 1610
	3350 × 1610

* maximum dimensions 3750 × 1850 mm

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

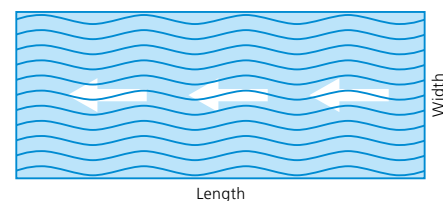
Minimum order

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

Also available in a sandblasted version and on request with an embedded wire mesh.

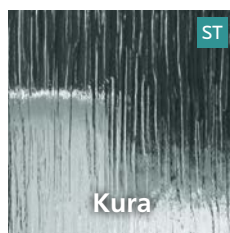
Similar patterns



Bamboo



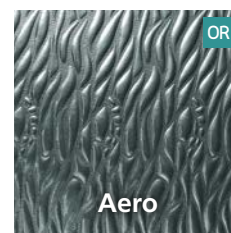
Diamante 9



Kura



Niagara



Aero

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				
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): 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

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[↑ BACK TO CONTENTS](#)

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Applications

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- showers
- partitions
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- façades
- atriums
- roofs
- etc.



Pattern availability

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

Non-standard	
Thickness (mm)	Maximum dimensions (length x width in mm)
5	3750 x 2040

* maximum dimensions 3750 x 2040 mm

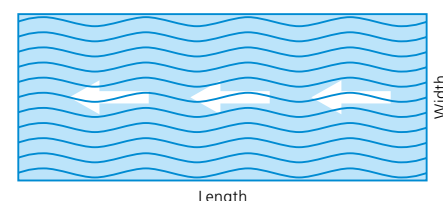
Minimum order

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

Also available on request with an embedded wire mesh.

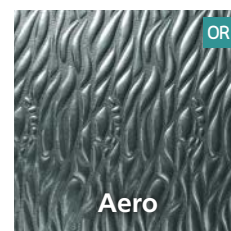
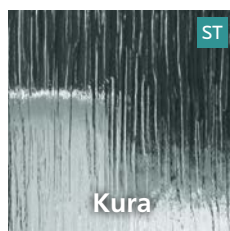
Similar patterns



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				
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): τ_v / ρ_v / ρ'	90/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_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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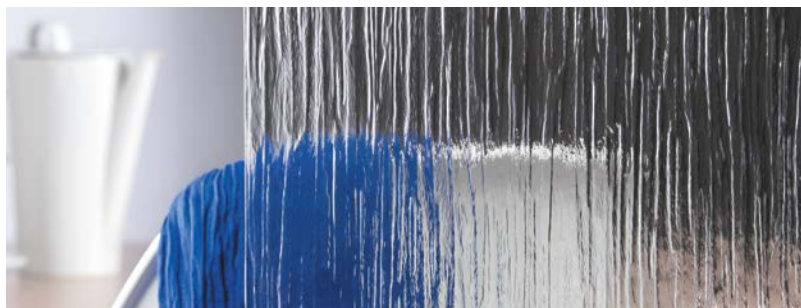
[↑ BACK TO CONTENTS](#)

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Applications

- furniture
- showers
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- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	1200 × 1850
	2140 × 1320
	2540 × 1850
	3350 × 1850

* maximum dimensions 3750 × 2040 mm

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

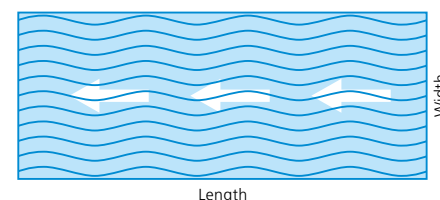
Minimum ordering quantity

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



Bamboo



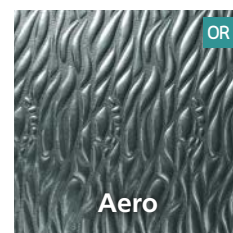
Delta



Diamante 9



Niagara



Aero

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				
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)
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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

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[↑ BACK TO CONTENTS](#)

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- doors
- façades
- etc.



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
5	2130 × 1610

* maximum dimensions 3750 × 2040 mm

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

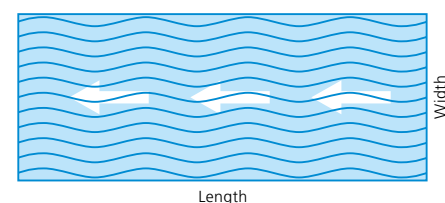
Minimum ordering quantity

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

Also available in a sandblasted version.

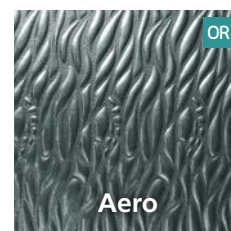
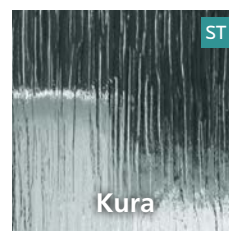
Similar patterns



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				
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)
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	5 mm	6 mm	8 mm
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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)
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Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	82/7/7	80/7/7	77/7/7
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[↑ BACK TO CONTENTS](#)

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.

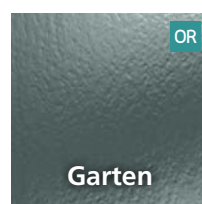
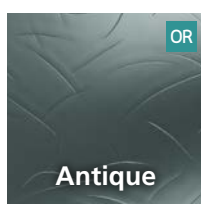
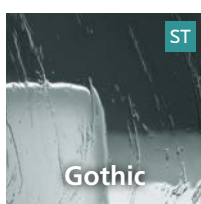
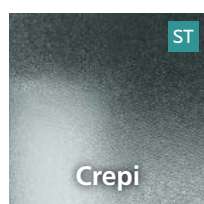
Pattern description

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



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	✓	✓*	✓
	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

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.

	3mm	4mm	5mm	6mm	8mm	10mm
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): τ_v / ρ_v / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
3	3750 x 1610
4	
5	
6	

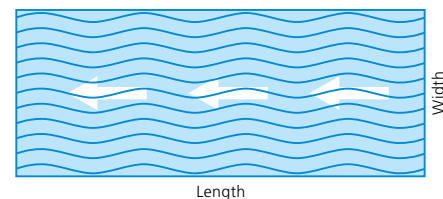
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

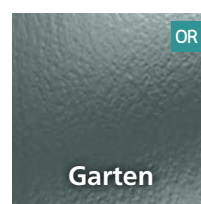
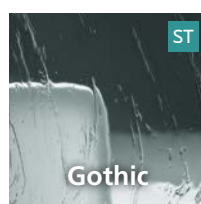
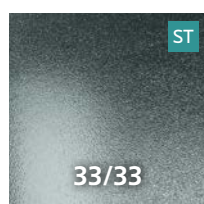
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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): 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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[↑ BACK TO CONTENTS](#)

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	2130 × 1610	3	3750 × 2040
	2540 × 1610	5	
	3350 × 1610	10	3750 × 1850
4.2	3210 × 2000		
6	2130 × 1850		
8	2250 × 1850		

* maximum dimensions 3750 × 2040 mm

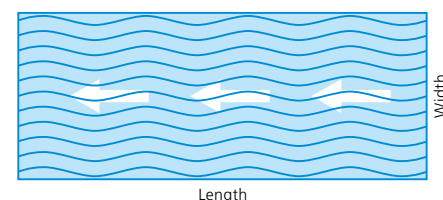
Minimum order

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	—	—	—	—

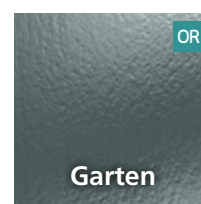
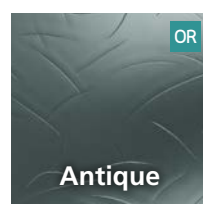
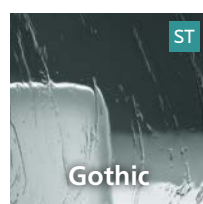
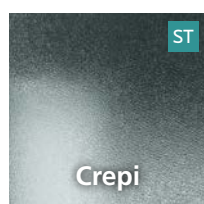
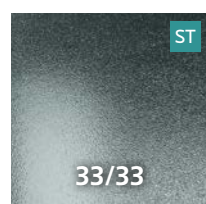
Pattern direction



Special information

Thickness 4.2 mm developed specially for lamination with 0.76 PVB.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

Processability and thickness tolerance

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

* Lamination test before first production run is strictly recommended.

AGC developed a special thickness of 4.2 mm 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

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	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): τ_v / ρ_v / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	2140 x 1320
	2130 x 1850
	2540 x 1850
	3350 x 1850
	3350 x 2040
6	2540 x 2040
	3350 x 2040
8	3350 x 2040

Non-standard	
Thickness (mm)	Maximum dimensions (length x width in mm)
3	3750 x 2040
4.2	
5	

* maximum dimensions 3750 x 2040 mm

Minimum order

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

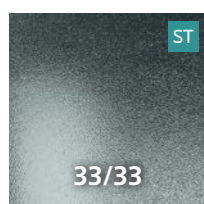
Pattern description

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

Special information

Thickness 4.2 mm developed for lamination with 0.76 PVB.
Also available with an embedded wire mesh as standard wired patterned glass.

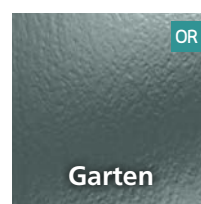
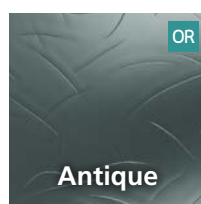
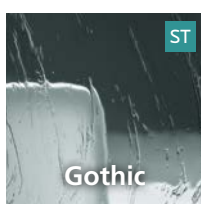
Similar patterns



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	✓	✓ *	✓
	5	± 0.5	✓	✓ *	✓
6		± 0.5	✓	✓ *	✓
8		± 0.8	✓	✓ *	✗

* Lamination test before first production run is strictly recommended;

AGC developed a special thickness of 4.2 mm 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
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

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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[↑ BACK TO CONTENTS](#)

Garten

CLEAR PATTERNED GLASS



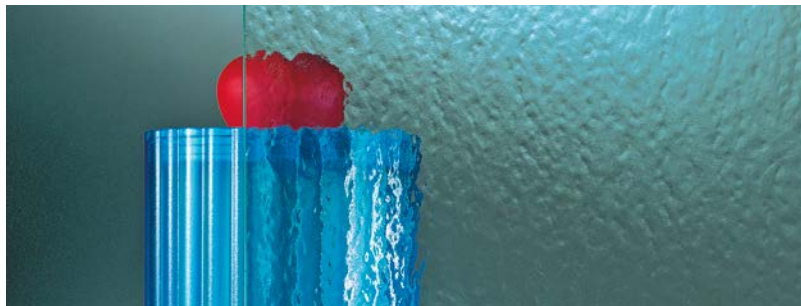
IMAGIN

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
- greenhouses
- façades
- atriums
- roofs
- etc.



Pattern availability

On request

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

Minimum order

Pattern on request: 2 full loads (48 tons)

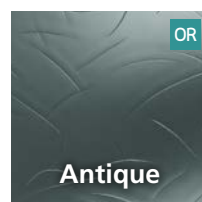
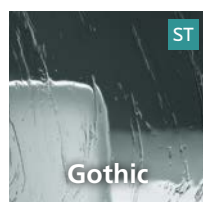
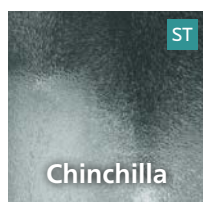
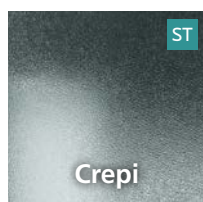
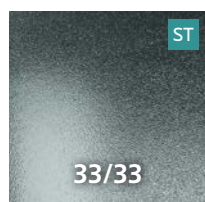
Pattern description

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

[↑ BACK TO CONTENTS](#)

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): 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

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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[↑ BACK TO CONTENTS](#)

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

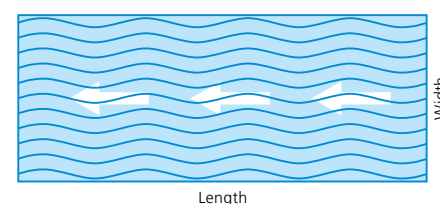
Minimum order

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	—	—	—	—

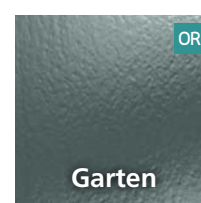
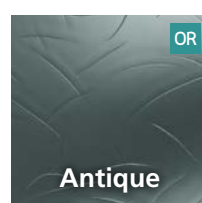
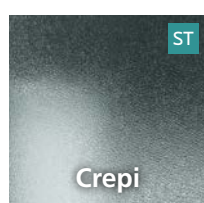
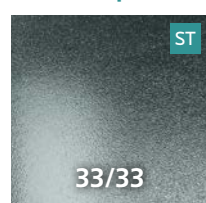
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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

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
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

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[↑ BACK TO CONTENTS](#)

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

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

* maximum dimensions 3750 x 2040 mm

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

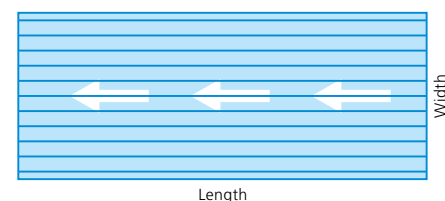
Minimum order

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
Yes	—	—	3 mm / 1 m	6 mm / 1 m

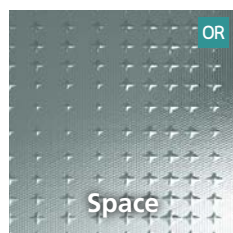
Pattern direction



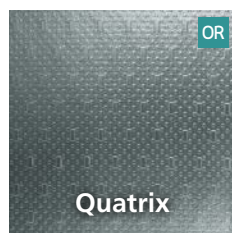
Special information

None.

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				
4	3	± 0.5	✓	✗	✗
		± 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): 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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[↑ BACK TO CONTENTS](#)

OLTRELUCÉ Space[®]

CLEAR PATTERNED GLASS

AGC

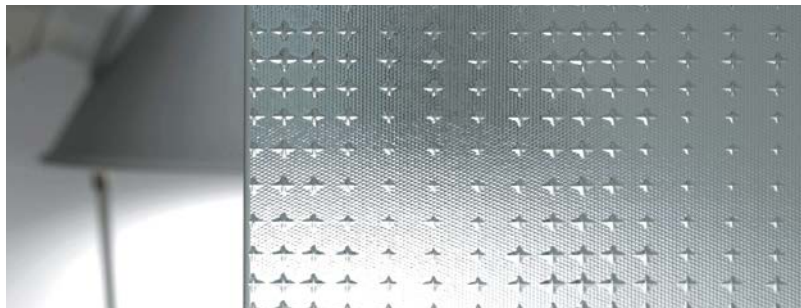
IMAGIN

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	

* maximum dimensions 3750 x 2040 mm

Minimum order

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

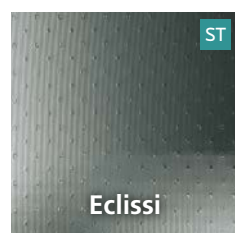
Pattern description

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

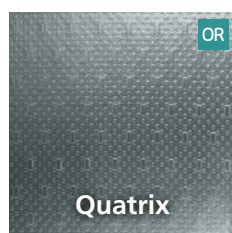
Special information

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

[↑ 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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

Quatrix

CLEAR PATTERNED GLASS

AGC

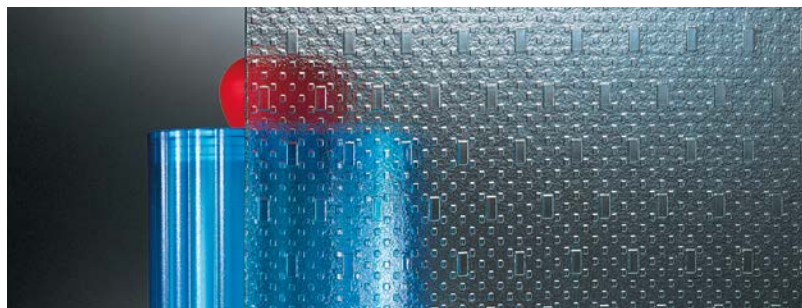
IMAGIN

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 x width in mm)
3	3750 x 1850
4	
5	
6	
8	

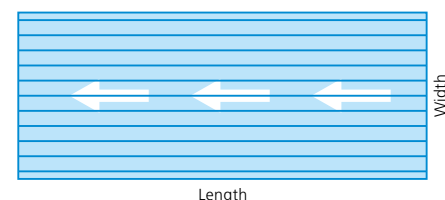
Minimum order

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

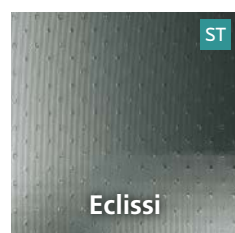
Pattern direction



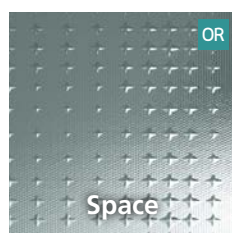
Special information

Also available on request in sandblasted version.

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
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_w)	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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[↑ BACK TO CONTENTS](#)

Flutes

CLEAR PATTERNED GLASS



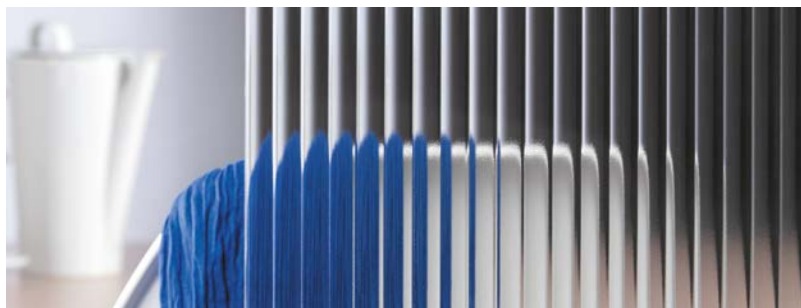
IMAGIN

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 x width in mm)
4	2130 x 1610
	2540 x 1610
	3350 x 1610

Non-standard	
Thickness (mm)	Maximum dimensions (length x width in mm)
5	3750 x 1850
6	3750 x 1610

* maximum dimensions 3750 x 1850 mm

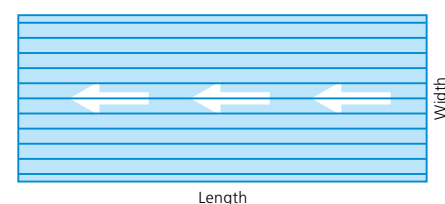
Minimum order

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	12.5 ± 0.3 mm		3 mm / 1 m	—

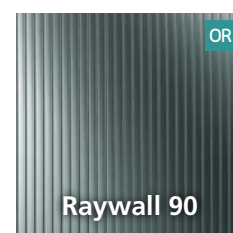
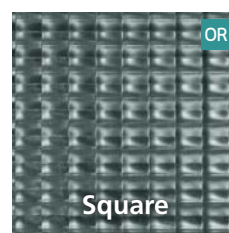
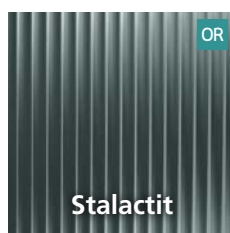
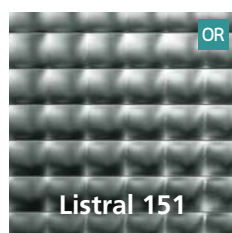
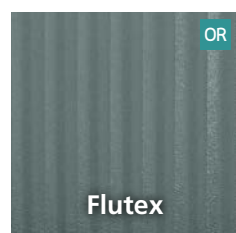
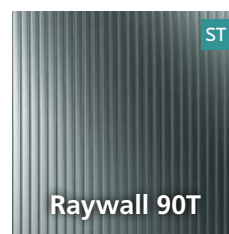
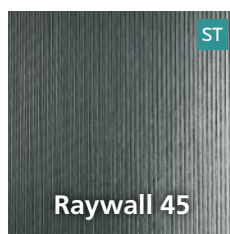
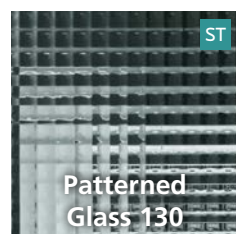
Pattern direction



Special information

Also available in a sandblasted version.

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				
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

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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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
5	3750 x 1850
6	

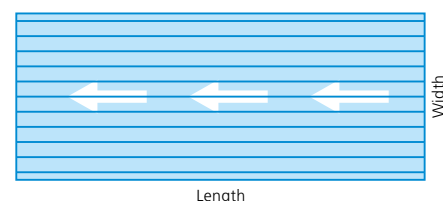
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

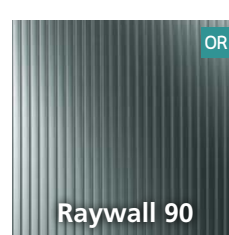
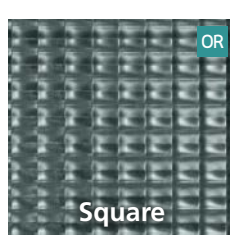
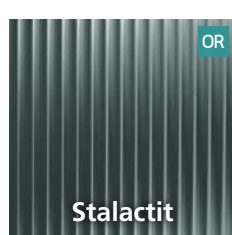
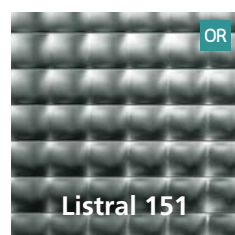
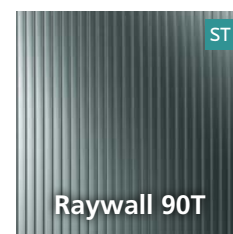
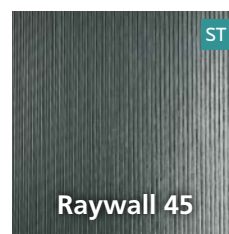
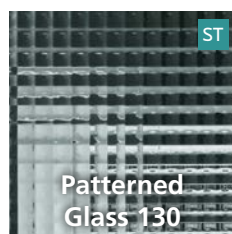
Pattern direction



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.

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
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.

	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): τ_v / ρ_v / ρ'	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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[↑ BACK TO CONTENTS](#)

Listral 151

CLEAR PATTERNED GLASS



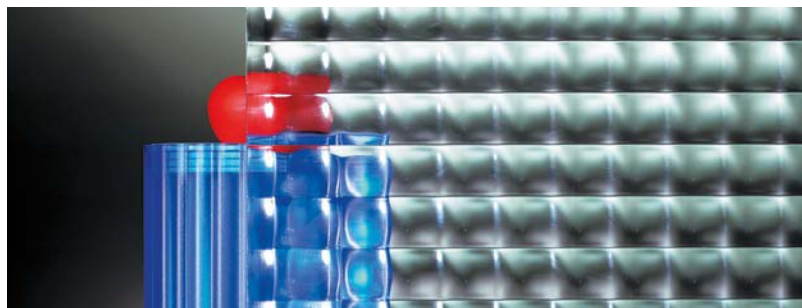
IMAGIN

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

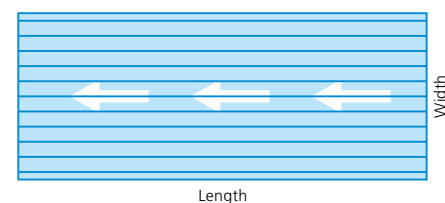
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	$25 \times 25 \pm 0.3 \text{ mm}$		3 mm / 1 m	6 mm / 1 m

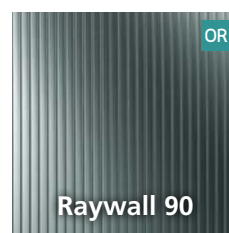
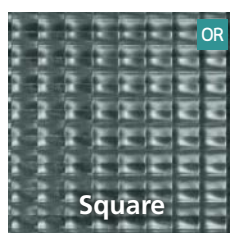
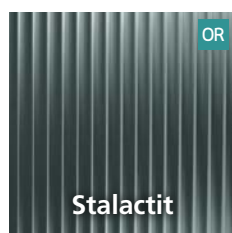
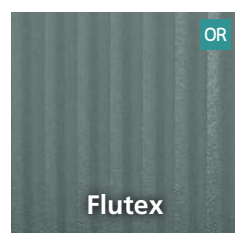
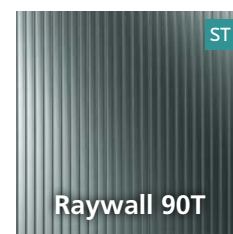
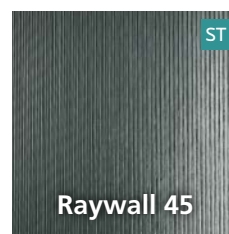
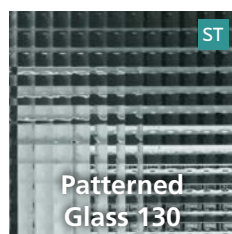
Pattern direction



Special information

None.

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
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): 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

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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[↑ BACK TO CONTENTS](#)

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

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	

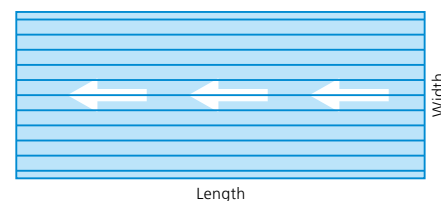
Minimum order

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	—	—	3 mm / 1 m	—

Pattern direction



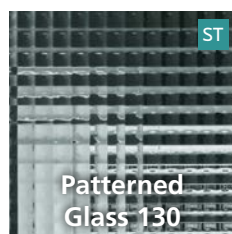
Special information

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

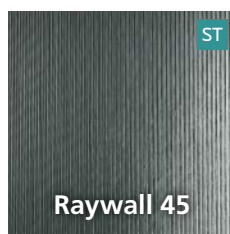
Similar patterns



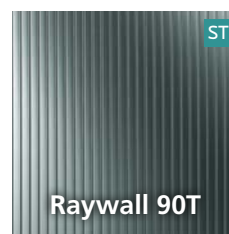
Flutes



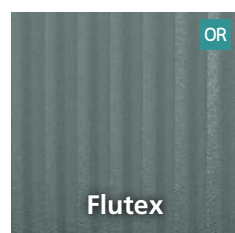
Patterned Glass 130



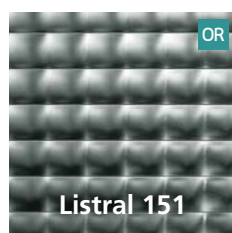
Raywall 45



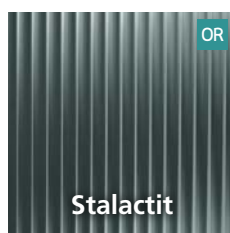
Raywall 90T



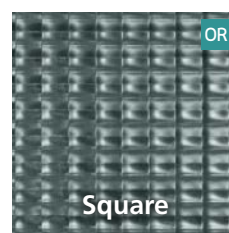
Flutex



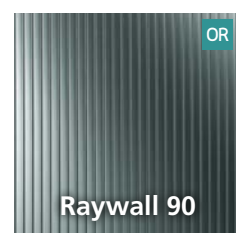
Listral 151



Stalactit



Square



Raywall 90

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				
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): 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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and other industrial sectors (transport, solar power and high-tech). It is the European branch of AGC, a world leader in flat glass. It has over 100 sites throughout Europe, from Spain to Russia. More information on www.agc-yourglass.com.

[↑ BACK TO CONTENTS](#)

Patterned Glass 130

CLEAR PATTERNED GLASS



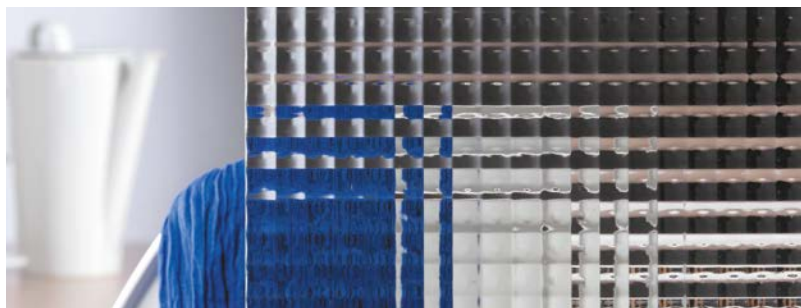
IMAGIN

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

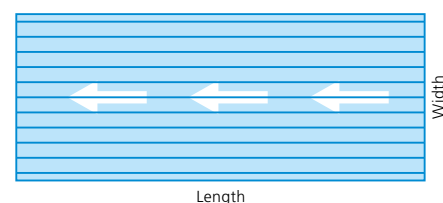
Standard	
Thickness (mm)	Dimensions* (length x width in mm)
5	2540 x 1850
	3350 x 1850

* maximum dimensions 3750 x 1850 mm

Pattern description

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

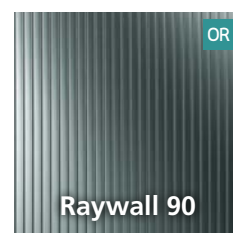
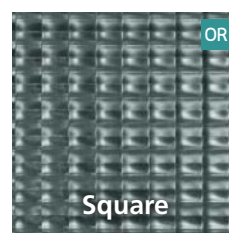
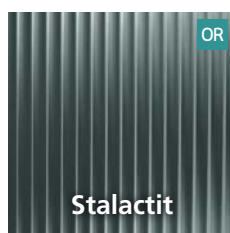
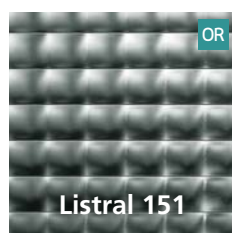
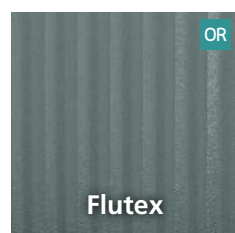
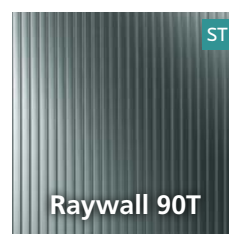
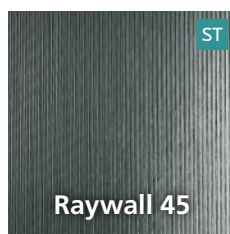
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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

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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[↑ BACK TO CONTENTS](#)

Raywall 45

CLEAR PATTERNED GLASS



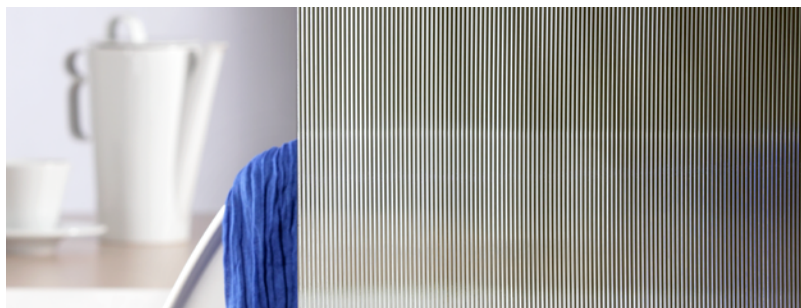
IMAGIN

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 x width in mm)
4	2540 x 1850
	3350 x 1850

* maximum dimensions 3750 x 1850 mm

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

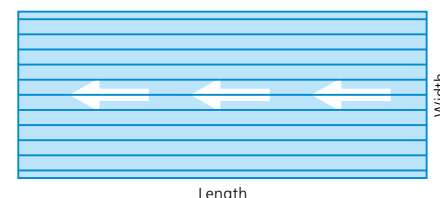
Minimum order

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	—

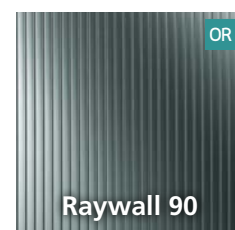
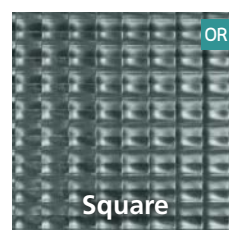
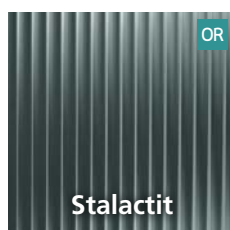
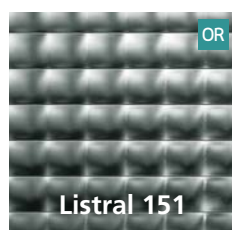
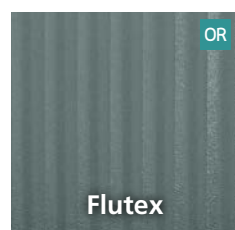
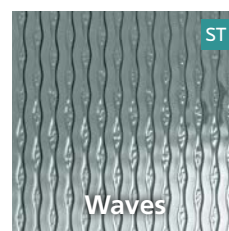
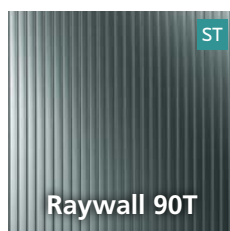
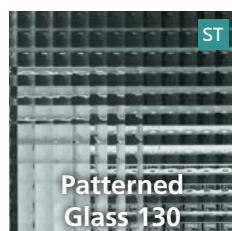
Pattern direction



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

[↑ BACK TO CONTENTS](#)

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

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): 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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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↑ BACK TO CONTENTS

Raywall 90

CLEAR PATTERNED GLASS



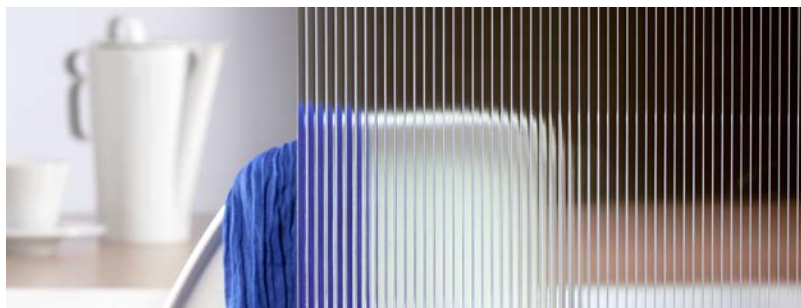
IMAGIN

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	

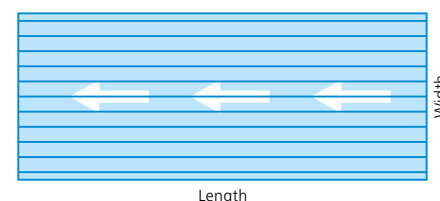
Minimum order

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	—

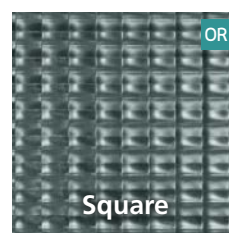
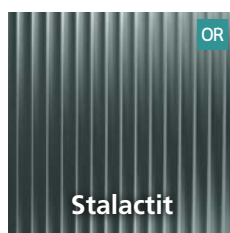
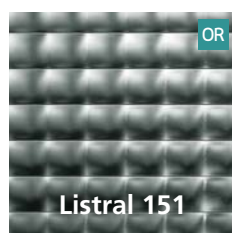
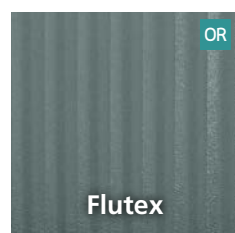
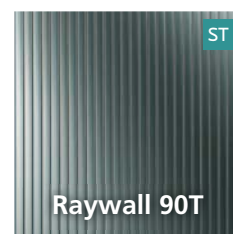
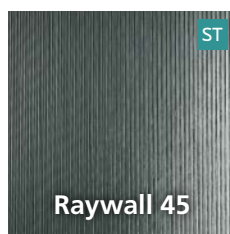
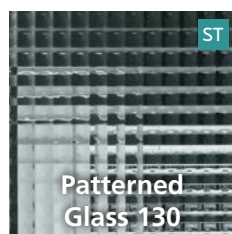
Pattern direction:



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

[↑ BACK TO CONTENTS](#)

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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↑ BACK TO CONTENTS

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 x width in mm)
4	2540 x 1850
	3350 x 1850
6	3350 x 1850

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

* maximum dimensions 3750 x 1850 mm

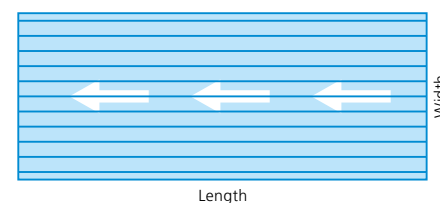
Minimum order

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

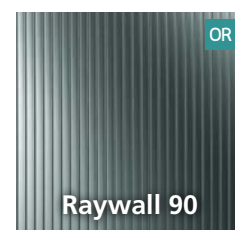
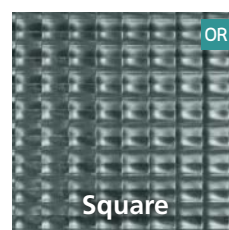
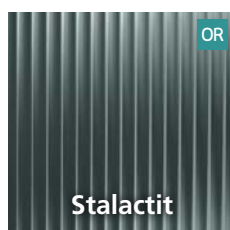
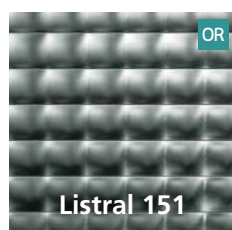
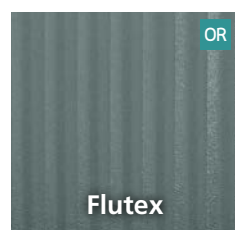
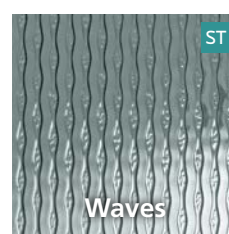
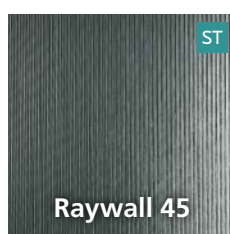
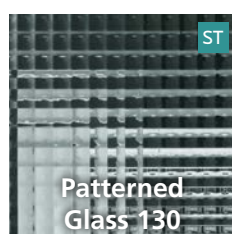
Pattern description

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

Pattern direction:



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				
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 (-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

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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[↑ BACK TO CONTENTS](#)

Square

CLEAR PATTERNED GLASS



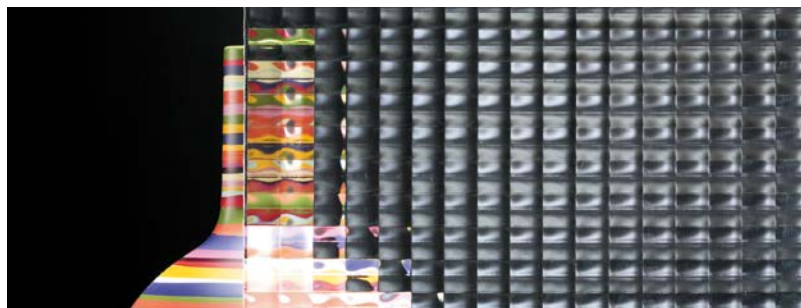
IMAGIN

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 x width in mm)
5	3750 x 1610

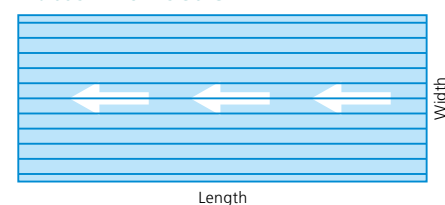
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	$18 \times 18 \pm 0.3 \text{ mm}$		3 mm / 1 m	6 mm / 1 m

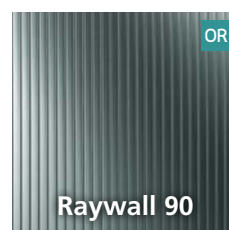
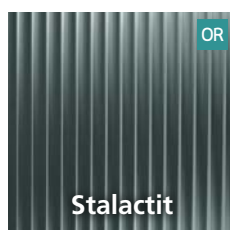
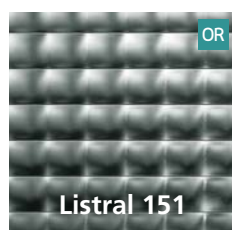
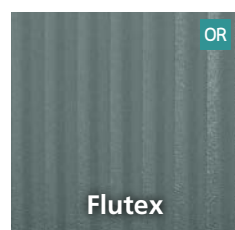
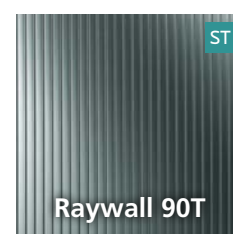
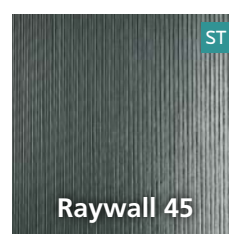
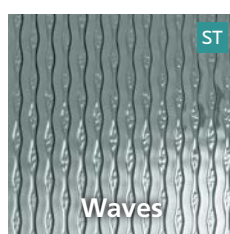
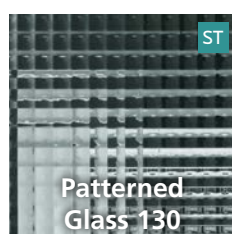
Pattern direction



Special information

None.

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
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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 1650
5	
6	

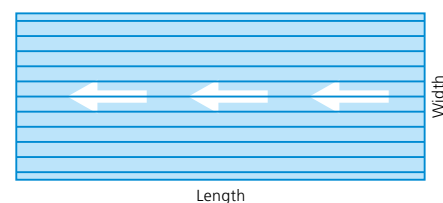
Minimum order

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	—

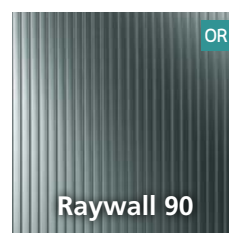
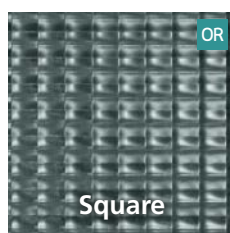
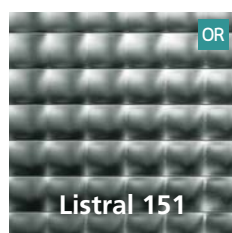
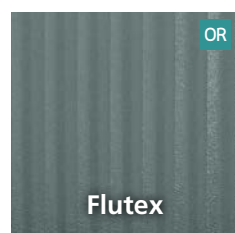
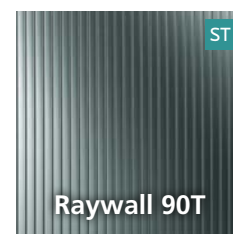
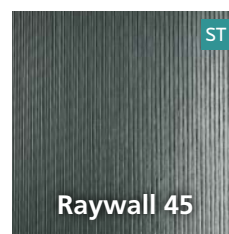
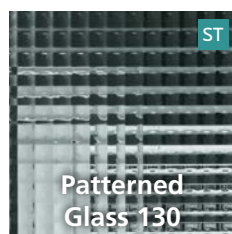
Pattern direction



Special information

None.

Similar patterns



ST Standard pattern

OR Pattern on request

[↑ 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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

Atlantic

CLEAR PATTERNED GLASS



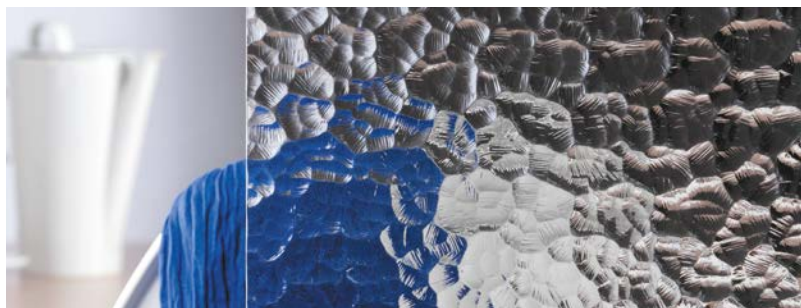
IMAGIN

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

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

* maximum dimensions 3750 x 2040 mm

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

Minimum order

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

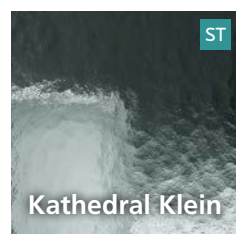
Pattern description

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

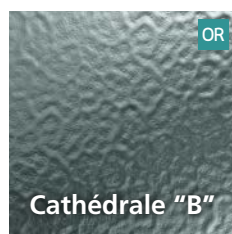
Special information

Also available on request with an embedded wire mesh.

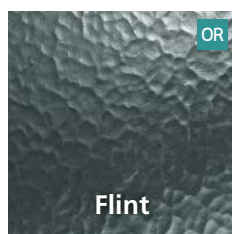
Similar patterns



Kathedraal Klein



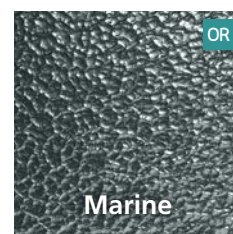
Cathédrale "B"



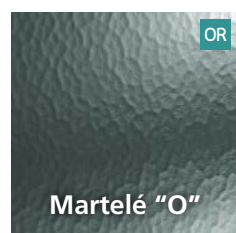
Flint



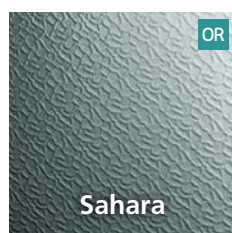
Kathedraal Gross



Marine



Martelé "O"



Sahara

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				
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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[↑ BACK TO CONTENTS](#)

Cathédrale "B"

CLEAR PATTERNED GLASS

AGC

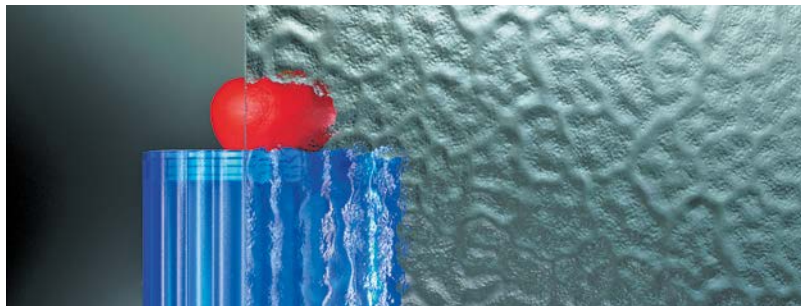
IMAGIN

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 x width in mm)
4	3750 x 1850
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

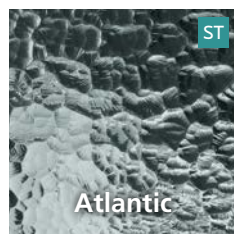
Pattern description

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

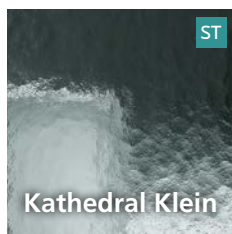
Special information

None.

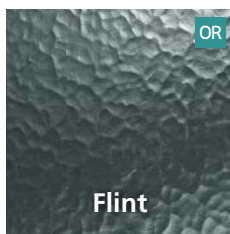
Similar patterns



Atlantic



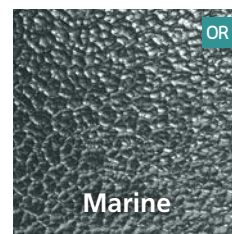
Kathedral Klein



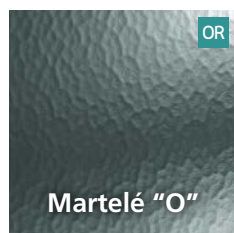
Flint



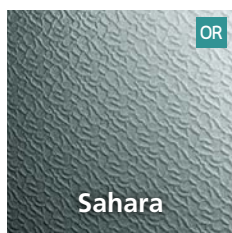
Kathedral Gross



Marine



Martelé "O"



Sahara

ST Standard pattern

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	✓	✗	✗

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
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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[↑ BACK TO CONTENTS](#)

Flint

CLEAR PATTERNED GLASS



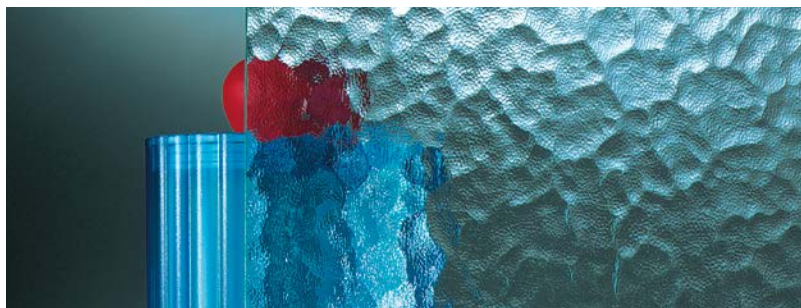
IMAGIN

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 x width in mm)
4	3750 x 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

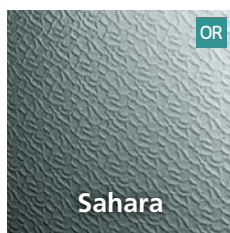
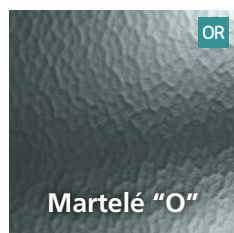
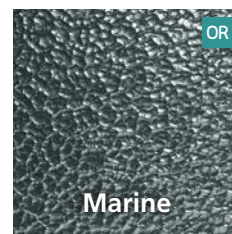
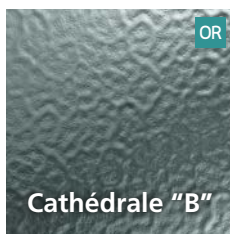
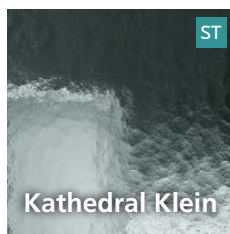
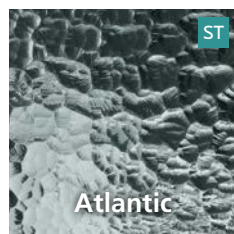
Pattern description

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

Special information

None.

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
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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

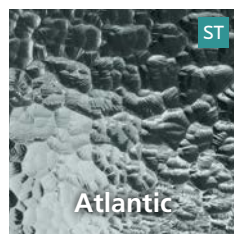
Pattern description

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

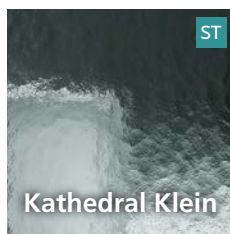
Special information

None.

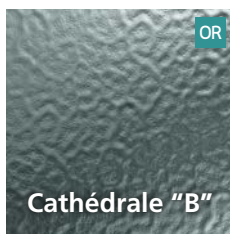
Similar patterns



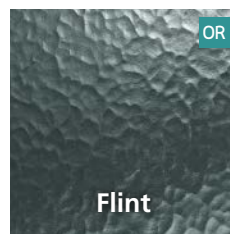
Atlantic



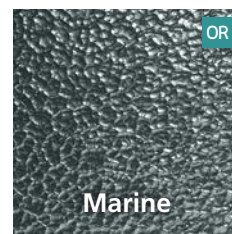
Kathedral Klein



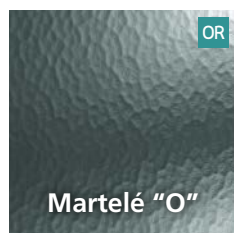
Cathédrale "B"



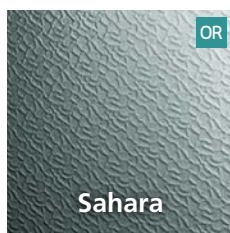
Flint



Marine



Martelé "O"



Sahara

ST Standard pattern

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	✓	✗	✗

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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	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)
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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
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[↑ BACK TO CONTENTS](#)

Kathedral Klein

CLEAR PATTERNED GLASS

AGC

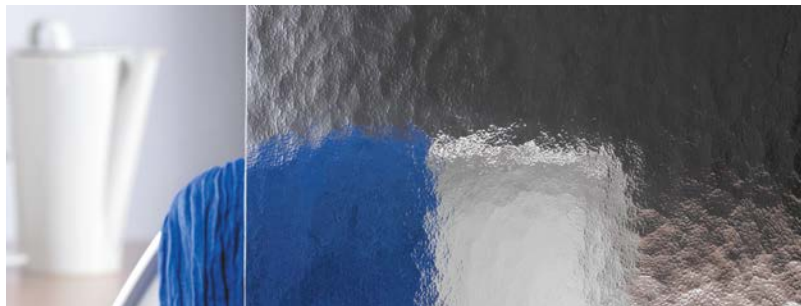
IMAGIN

Description

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Applications

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



Pattern availability

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

* maximum dimensions 3750 x 2040 mm

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

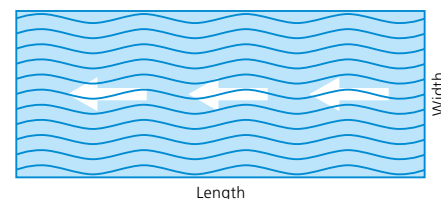
Minimum order

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	—	—	—	—

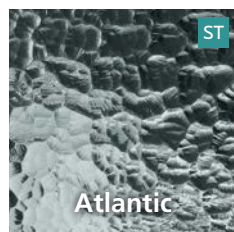
Pattern direction



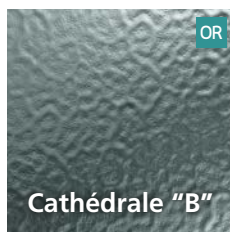
Special information

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

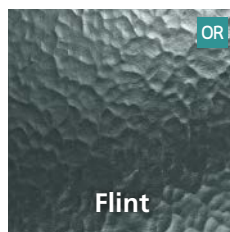
Similar patterns



Atlantic



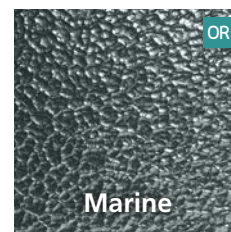
Cathédrale "B"



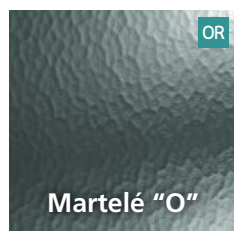
Flint



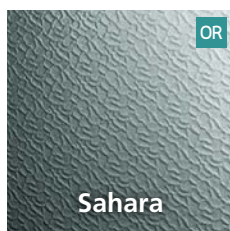
Kathedral Gross



Marine



Martelé "O"



Sahara

ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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

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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[↑ BACK TO CONTENTS](#)

Marine

CLEAR PATTERNED GLASS

AGC

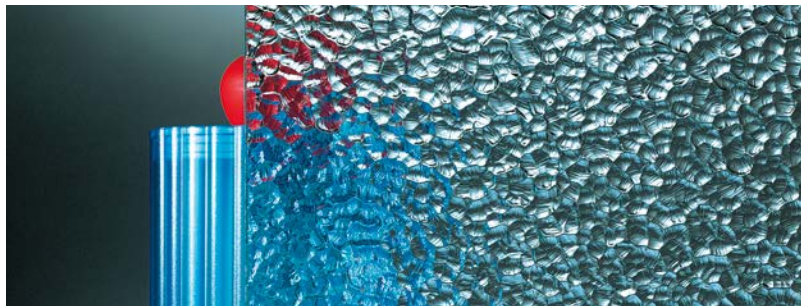
IMAGIN

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 x width in mm)
4	3750 x 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

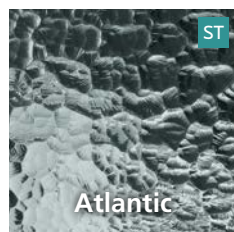
Pattern description

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

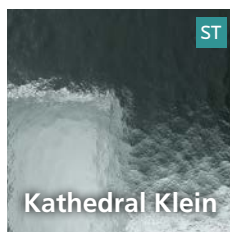
Special information

None.

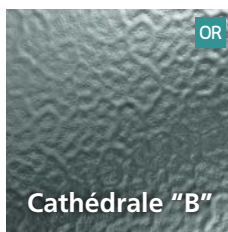
Similar patterns



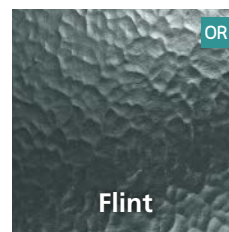
Atlantic



Kathedral Klein



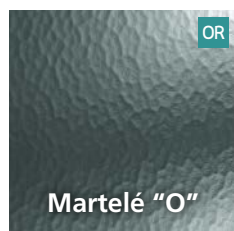
Cathédrale "B"



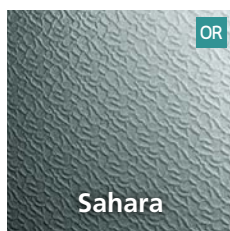
Flint



Kathedral Gross



Martelé "O"



Sahara

ST Standard pattern

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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

Martelé "O"

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

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

Applications

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



Pattern availability

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

Minimum order

Pattern on request: 2 full loads (48 tons)

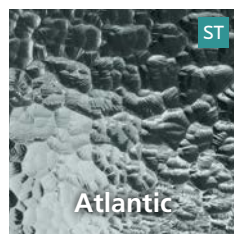
Pattern description

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

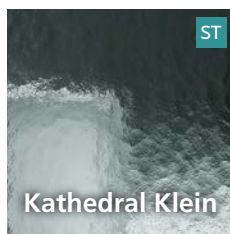
Special information

None.

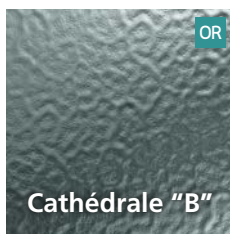
Similar patterns



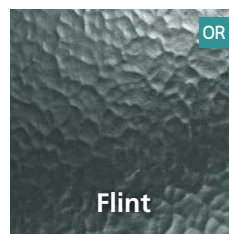
Atlantic



Kathedral Klein



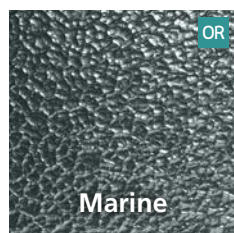
Cathédrale "B"



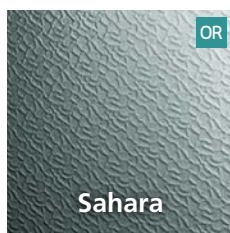
Flint



Kathedral Gross



Marine



Sahara

ST Standard pattern

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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

Sahara

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 x width in mm)
4	3750 x 2040
5	
6	
8	

Minimum order

Pattern on request: 2 full loads (48 tons)

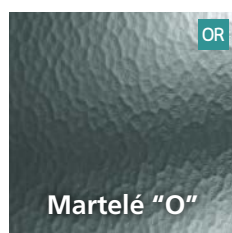
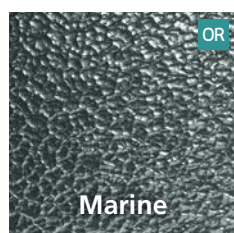
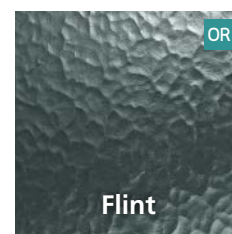
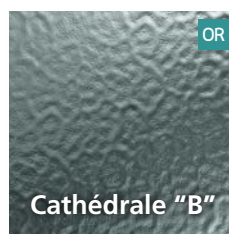
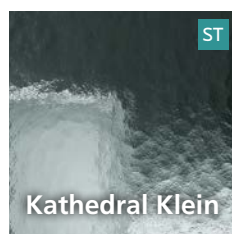
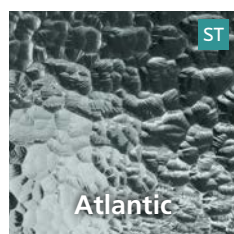
Pattern description

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

Special information

None.

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
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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 2040
5	
6	



Minimum order

Pattern on request: 2 full loads (48 tons)

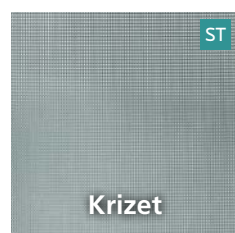
Pattern description

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

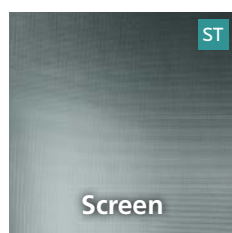
Special information

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.

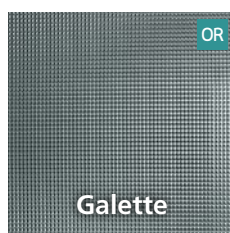
Similar patterns



Krizet



Screen



Galette

ST Standard pattern

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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

Galette

CLEAR PATTERNED GLASS



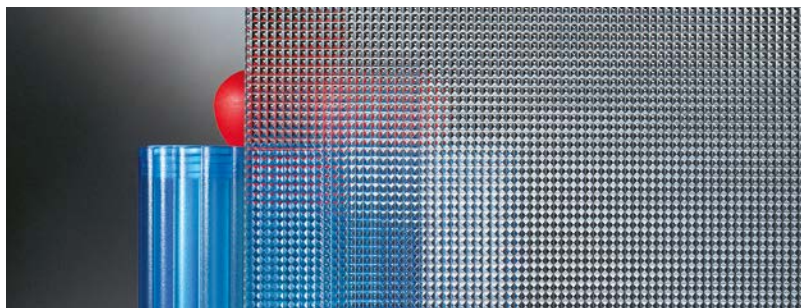
IMAGIN

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 x width in mm)
4	3750 x 2040
5	
6	

Minimum order

Pattern on request: 2 full loads
(48 tons)

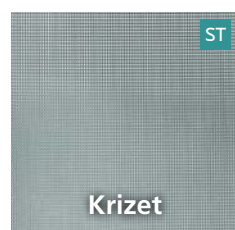
Pattern description

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

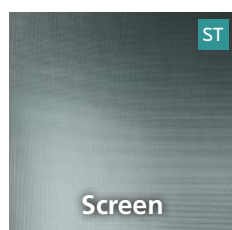
Special information

None.

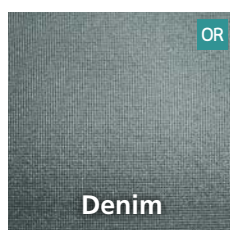
Similar patterns



Krizet



Screen



Denim

ST Standard pattern

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	✓	✗	✓

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
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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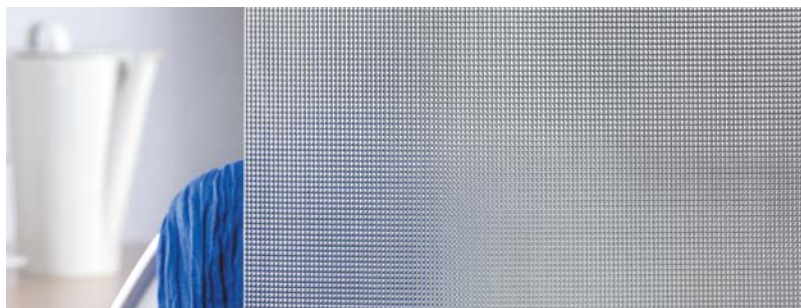
[↑ BACK TO CONTENTS](#)

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

* maximum dimensions 3750 × 2040 mm

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

Minimum order

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

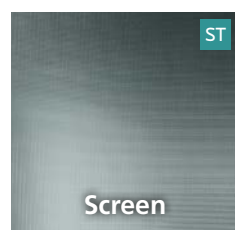
Pattern description

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

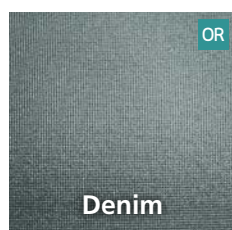
Special information

None.

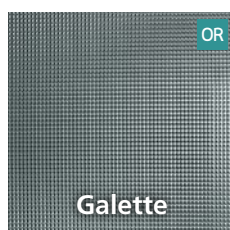
Similar patterns



Screen



Denim



Galette

ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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	✓	✓*	✓

* 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.

	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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[↑ BACK TO CONTENTS](#)

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.

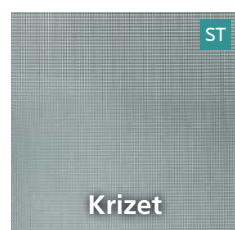
Pattern description

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

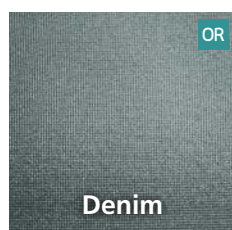
Special information

None.

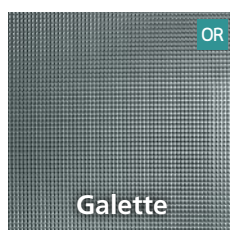
Similar patterns



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				
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

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): 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

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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
5	3750 x 2040

Pattern description

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

Special information

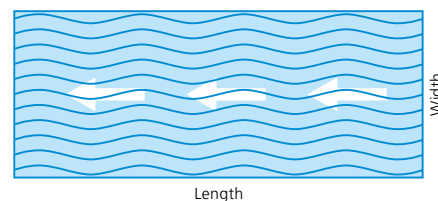
None.



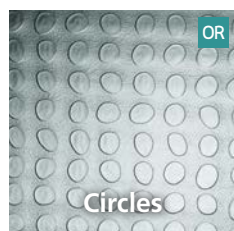
Minimum order

Pattern on request: 2 full loads
(48 tons)

Pattern direction



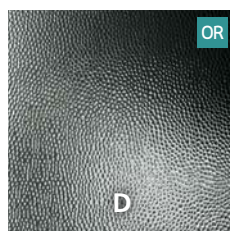
Similar patterns



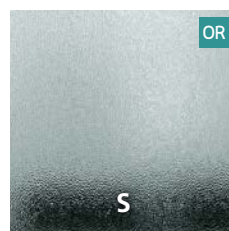
Circles



Konfeta



D



S

ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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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[↑ BACK TO CONTENTS](#)

"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 x width in mm)
4	3750 x 2040
5	
6	
8	

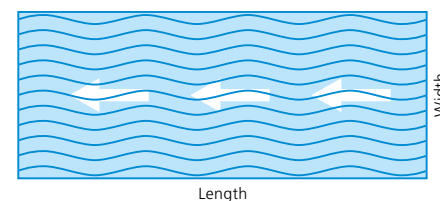
Minimum order

Pattern on request: 2 full loads
(48 tons)

Pattern description

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

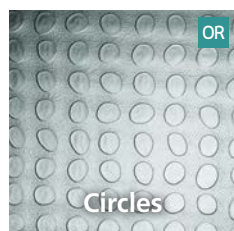
Pattern direction



Special information

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

Similar patterns



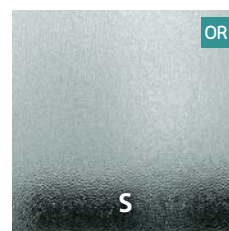
Circles



Konfeta



Bucny



S

ST Standard pattern

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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

Konfeta

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



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	1200 × 1850

* maximum dimensions 3750 × 2040 mm

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

Minimum order

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

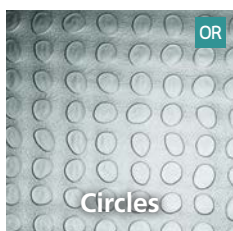
Pattern description

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

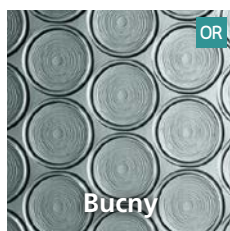
Special information

Also available on request with an embedded wire mesh.

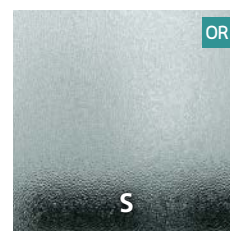
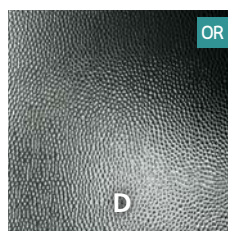
Similar patterns



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				
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): 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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[↑ BACK TO CONTENTS](#)

OLTRELUCÉ Circles®

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
- 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	
10	

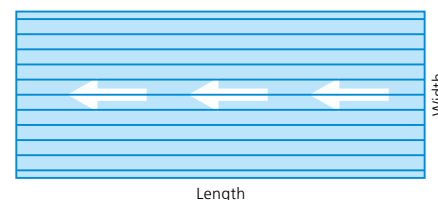
Minimum order

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

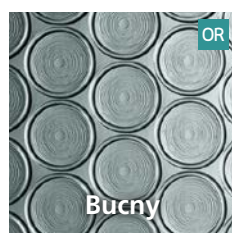
Can be silvered and back painted on request by manufacturer.
Pattern Oltreluce Circles © Michele De Lucchi

Similar patterns



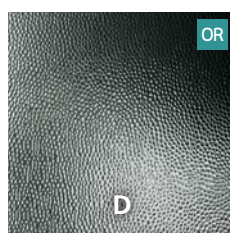
Konfeta

ST Standard pattern

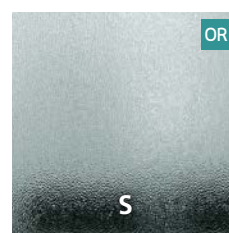


Bucny

OR Pattern on request



D



S

[↑ 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

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): 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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[↑ BACK TO CONTENTS](#)

"S"

CLEAR PATTERNED GLASS

AGC

IMAGIN

Description

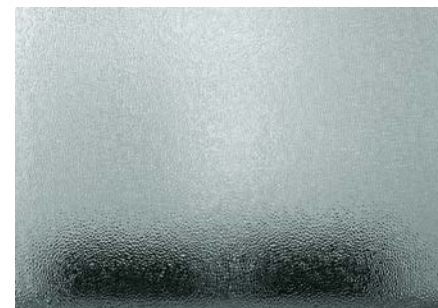
Does your interior require rounded elements?
Choose a pattern that includes circles and ovals.
Opt for tiny lenses or regular circles.

Applications

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

Pattern availability

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



Minimum order:

Pattern on request: 2 full loads
(48 tons)

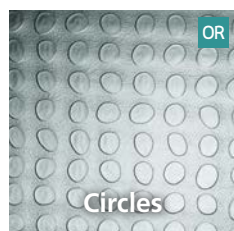
Pattern description

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

Special information

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

Similar patterns



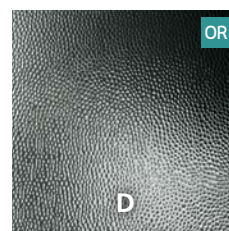
Circles



Konfeta



Bucny



D

ST Standard pattern

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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 1850
5	
6	

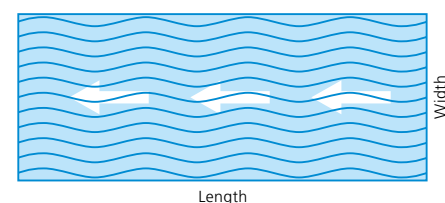
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern description

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

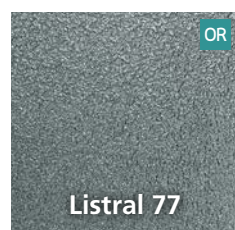
Pattern direction:



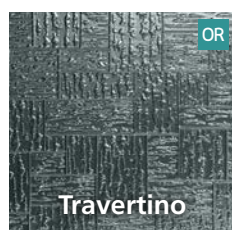
Special information

None.

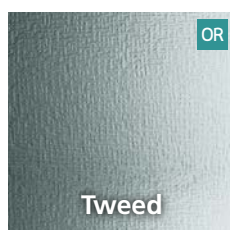
Similar patterns:



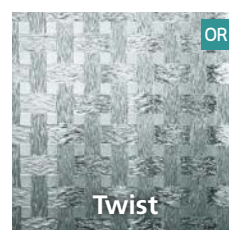
OR



OR



OR



OR

OR Pattern on request

[↑ 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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

Listral 77

CLEAR PATTERNED GLASS

AGC

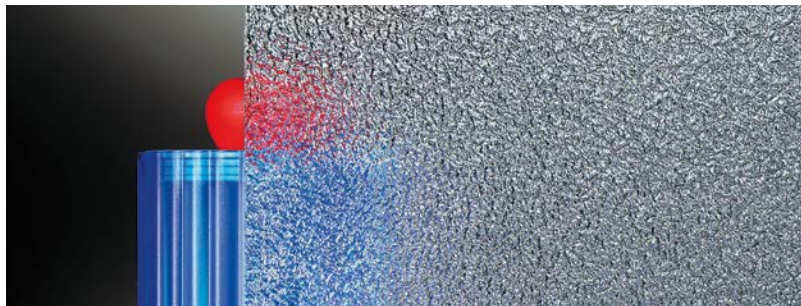
IMAGIN

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 x width in mm)
4	3750 x 1850
5	
6	

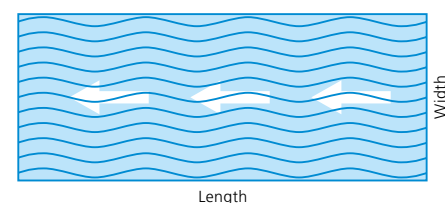
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

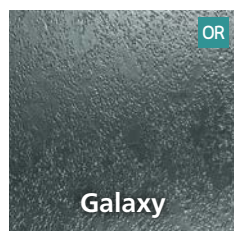
Pattern direction



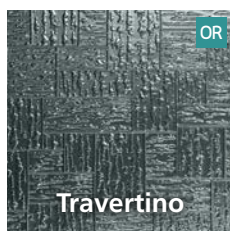
Special information

Also available on request with an embedded wire mesh.

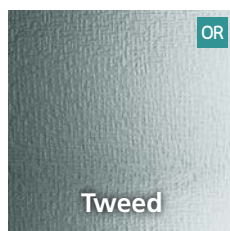
Similar patterns



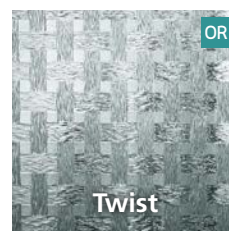
OR



OR



OR



OR

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	×	×	✓

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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[↑ BACK TO CONTENTS](#)

Travertino

CLEAR PATTERNED GLASS

AGC

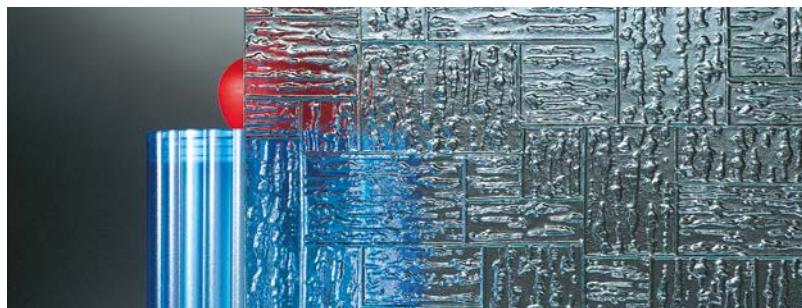
IMAGIN

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 x width in mm)
4	3750 x 1850
5	
6	

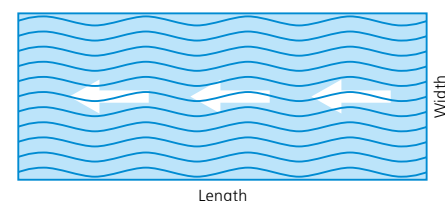
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

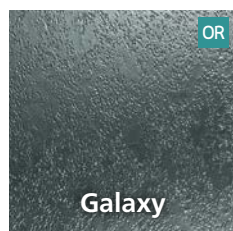
Pattern direction



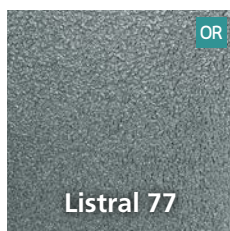
Special information

None.

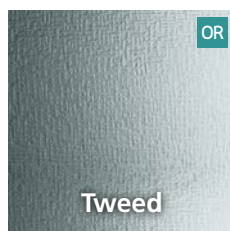
Similar patterns



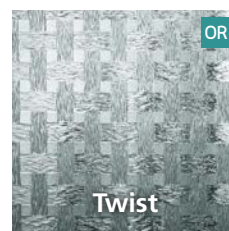
Galaxy



Listral 77



Tweed



Twist

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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

Tweed

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 x width in mm)
4	3750 x 1850
5	
6	
8	

Pattern description

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

Special information

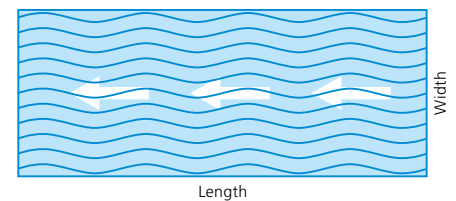
None.



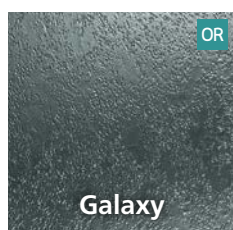
Minimum order

Pattern on request: 2 full loads (48 tons)

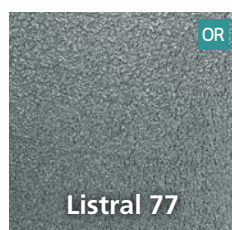
Pattern direction



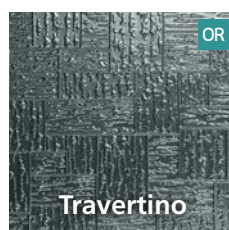
Similar patterns



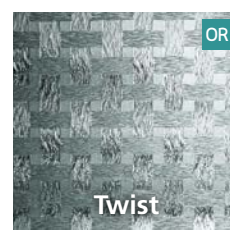
Galaxy



Listral 77



Travertino



Twist

OR Pattern on request

[↑ 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	✓	✗	✗

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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[↑ BACK TO CONTENTS](#)

Twist

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 x width in mm)
4	3750 x 1850
5	
6	

Pattern description

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

Special information

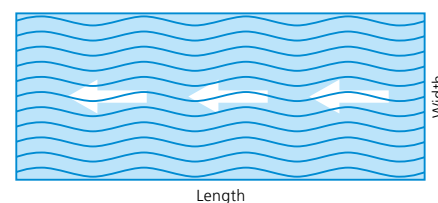
None.



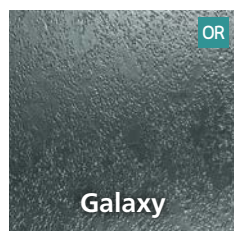
Minimum order

Pattern on request: 2 full loads (48 tons)

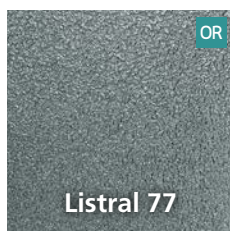
Pattern direction



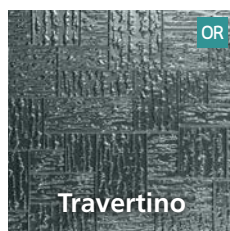
Similar patterns:



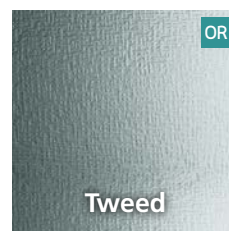
Galaxy



Lustral 77



Travertino



Tweed

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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 2040
5	
6	

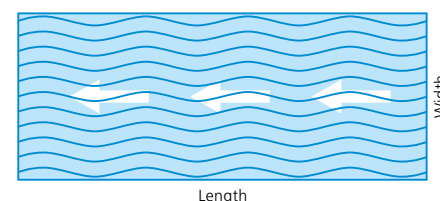
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

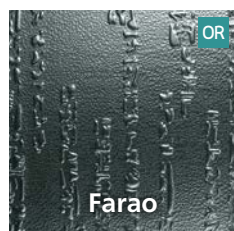
Pattern direction



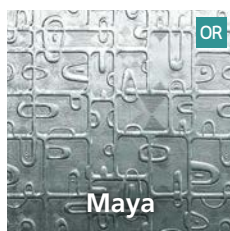
Special information

Also available on request with an embedded wire mesh.

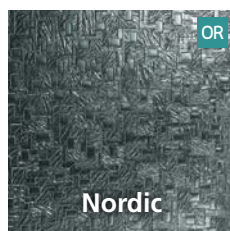
Similar patterns



Farao



Maya



Nordic

OR Pattern on request

[↑ 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	✓	✗	✓

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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[↑ BACK TO CONTENTS](#)

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 x width in mm)
4	3750 x 1850
5	
6	
8	
10	

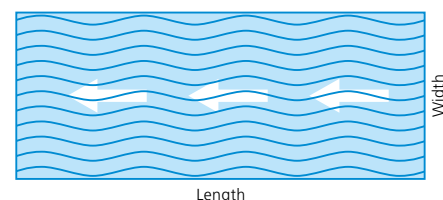
Minimum order

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



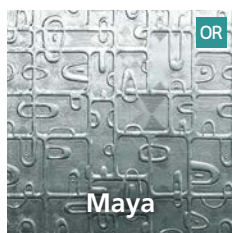
Special information

Also available on request in non-sandblasted version.

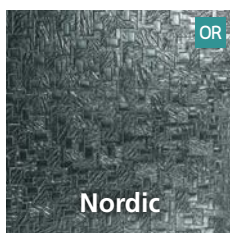
Similar patterns



Alexandria



Maya



Nordic

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): 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

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[↑ BACK TO CONTENTS](#)

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 x width in mm)
5	3750 x 1850
6	
8	

Pattern description

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

Special information

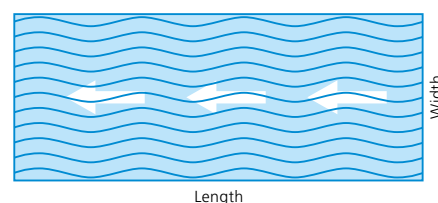
Also available on request in a sandblasted version.



Minimum order

Pattern on request: 2 full loads (48 tons)

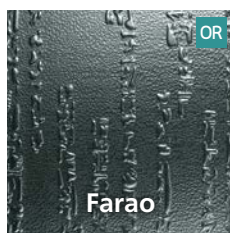
Pattern direction



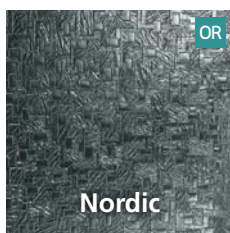
Similar patterns:



Alexandria



Farao



Nordic

OR Pattern on request

[↑ BACK TO CONTENTS](#)

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): 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

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[↑ BACK TO CONTENTS](#)

Nordic

CLEAR PATTERNED GLASS

AGC

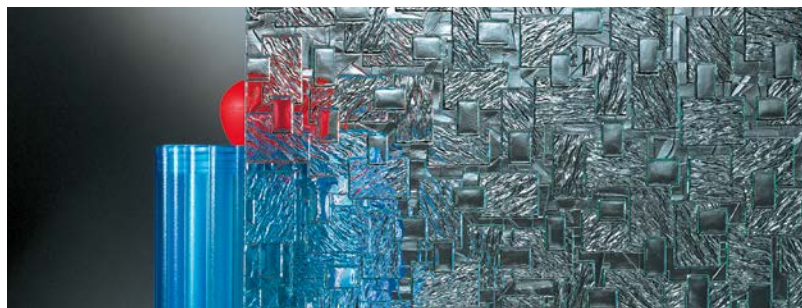
IMAGIN

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 x width in mm)
4	3750 x 2040
5	
6	

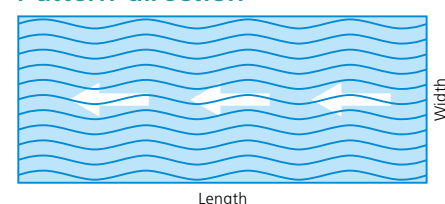
Minimum order

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



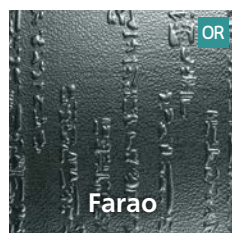
Special information

Also available on request with an embedded wire mesh.

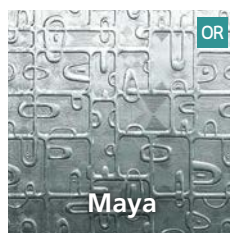
Similar patterns



Alexandria



Farao



Maya

OR Pattern on request

[↑ 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	✓	✗	✓

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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	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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[↑ BACK TO CONTENTS](#)