



	Pattern	Pattern availability	Thickness	ses* (mm)	Maximum width (mm)	Description
a	Delta	ST	4	5, 6, 8, 10	1850	Create harmony by bringing nature-
Nature	<u>Kura</u>	ST	4	5, 6, 8, 10	2040	inspired patterns into your home, featuring natural colours and materials.
	33/33	ST	10	3, 4, 5, 6, 8	2040	Soft designs deliver moderate
	Chinchilla	ST	4, 4.2, 6, 8	3, 5, 10**	2040	levels of privacy while retaining light
Soft	Crepi	ST	4, 6, 8	3	2040	transmission. The satin surface also decreases light reflection.
	<u>Gothic</u>	ST	4	3, 5, 6	1610	**for 10 max. width 1850
	Flutes	ST	4, 6	5	1850	Lines and stripes deliver a modern
Ē	Patterned Glass 130	ST	5	6, 8	1850	look, featuring stark and regular
Linear	Raywall 45	ST	4	5, 6, 8, 10	1850	geometry. The combination of vertical and horizontal lines creates unique
	Raywall 90T	ST	4, 6, 8	5, 10	1850	optics.
Cathedrals	Kathedral Klein	ST	4	5, 6, 8	2040	These patterns feature pitting and irregular, broken lines. Grainy designs deliver superb privacy.
	Dominos	ST	4, 6, 8		2040	A repeating symphony of superfine
Pixels	Screen	ST	4	3, 5, 6, 8	1850	dots and points yields subtle designs capable of hiding objects behind the glass.
Framing glass	<u>Glamatt</u>	ST	2		1560	Framing glass is clear glass for picture frames that can be used to reduce the negative effect of light reflection. Anti-glare glass delivers excellent reproduction of contrasts and colours.
	Wired "0" 1/2"	ST	6	7	2040	Wired glass features wire mesh
7	Wired "S" 1/2"	ST	6, 7		1850	embedded in the glass during the
Wired			·			production process. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design.
	Delta Mat	ST	4	6	1850	Acid-etching is used to matt the
Mat	Flutes Mat	ST	4	6	1850	whole glass surface, which provides additional smooth effect and unique design.
D.	Flutes Black Classic 9005	ST	4	6	1850	Imagin Back-Painted is clear patterned
ainte	Flutes White Light 9003	ST	4	6	1850	glass featuring a high-quality paint on one side. The paint, industrially
Back-Painted	Raywall 90 Black Classic 900	<u>5</u> st	4	6	1850	applied to the glass, delivers
Bad	Raywall 90 White Light 900	13 ST	4	6	1850	a uniform glossy appearance.

Delta®

CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades
- etc.

Pattern availability

Standard				
Thickness Dimensions* (length × width in the control of the contro				
,	2540 × 1850			
4	3350 × 1850			

^{*} maximum dimensions 3750 × 1850 mm

Non-standard						
Thickness (mm)	Maximum dimensions (length × width in mm)					
5						
6	2750 × 1050					
8	3750 × 1850					
10						

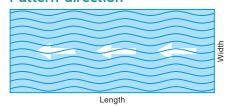
Minimum order

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

Pattern description

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

Pattern direction



Special information

None.



Standard pattern



OR Pattern on request









Thickness (mm)		Thickness tolerance	Tomporing	Lamination	IGU	
Standard	Non-standard	(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	6mm	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): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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





Kura

CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades
- etc.

Pattern availability

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

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

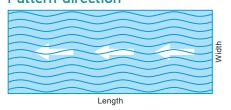
Minimum ordering quantity

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.



Standard pattern

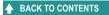


OR Pattern on request









^{*} maximum dimensions 3750 × 2040 mm

Thickn	Thickness (mm)		Tomporing	Lamination	IGU	
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	lG0	
4		± 0.5	√	×	✓	
	5	± 0.5	√	×	✓	
	6	± 0.5	√	×	✓	
	8	± 0.8	√	×	×	
	10	± 1.0	√	×	×	

Physical properties

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

Compliance with European standards

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

	4mm	5mm	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): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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. More information on www.agc-yourglass.com.

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33/33 CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- façades
- etc.

- showerspartitions
- windowsgreenhouses
- atriums
- roofs





Pattern availability

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

^{*} maximum dimensions 3750 × 2040 mm

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

Minimum order

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

Pattern description

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



Thickne	Thickness (mm)		Thickness tolerance Tempering		IGU	
Standard	Non-standard	(EN 572-5)	rempering	Lamination	igo	
	3	± 0.5	\checkmark	√ *	×	
	4	± 0.5	√	√ *	✓	
	5	± 0.5	√	√ *	✓	
	6	± 0.5	√	✓*	✓	
	8	± 0.8	√	√ *	×	
10		± 1.0	✓	√ *	×	

^{*} Lamination test before first production run is strictly recommended; Lamination is possible when using min. 4 PVB or EVA interlayers.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m³
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	3	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	5mm	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): τv / ρv / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Chinchilla® CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- atriumsroofs

- showerspartitions
- windowsfaçades
- etc.



Pattern availability

S	Standard				
Thickness (mm)	Dimensions* (length × width in mm)				
4	2540 × 1850				
4	3350 × 1850				
4.2	3210 × 2000				
6	2130 × 1850				
8	2250 × 1850				

Non-standard				
Maximum dimensions (length × width in mm)				
2750 × 2040				
3750 × 2040				
3750 × 1850				

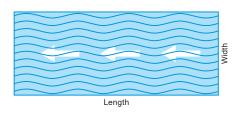
Minimum order

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

Pattern description

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

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



^{*} maximum dimensions 3750 × 2040 mm

Thickn	Thickness (mm)		Thickness tolerance Tempering		IGU
Standard	Non-standard	(EN 572-5)	rempering	Lamination	igo
	3	± 0.5	\checkmark	√ *	×
4 and 4.2		± 0.5	√	√ *	✓
	5	± 0.5	√	√ *	✓
6		± 0.5	\checkmark	✓ *	✓
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/m³
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	5mm	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): τv / ρv / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Crepi CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- façades
- etc.

- showerspartitions
- windowsgreenhouses
- atriums





Pattern availability

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

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

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





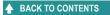






ST Standard pattern

OR Pattern on request



^{*} maximum dimensions 3750 × 2040 mm

Thickness (mm)		Thickness tolerance	Lamination	IGU	
Standard	Non-standard	(EN 572-5)	Tempering	Lammation	igo
3		± 0.5	\checkmark	√ *	×
4		± 0.5	\checkmark	√ *	✓
6		± 0.5	√	√ *	✓
8		± 0.8	√	√ *	×

^{*} Lamination test before first production run is strictly recommended; Lamination is possible when using min. 4 PVB or EVA interlayers.

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Gothic® CLEAR PATTERNED GLASS



Description

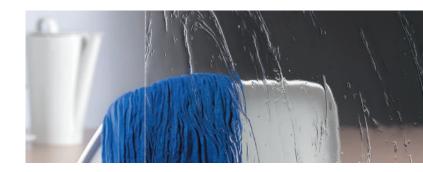
Soft designs deliver moderate levels of privacy while retaining light transmission. The satin surface also decreases light reflection.

Applications

- furniture
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades • etc.



Pattern availability

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

* maximum	dimensions	3750 x	1610 mm
IIIaxIIIIuIII	ullilelisiolis	3/30 ^	1010111111

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

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	_	_	_	_

Special information

None.

Pattern direction



Length

Similar patterns

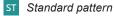




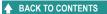








OR Pattern on request



⁵ 3750 × 1610

Thickness (mm)		Thickness tolerance	Lamination	IGU		
Standard	Standard Non-standard		Tempering	Lammation	100	
	3	± 0.5	\checkmark	√ *	×	
4		± 0.5	\checkmark	√ *	✓	
	5	± 0.5	√	√ *	✓	
	6	± 0.5	√	√ *	✓	

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	Е	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	3	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	4mm	5mm	6mm
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): τv / ρv / ρ'	90/8/8	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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.

♠ BACK TO CONTENTS



Flutes

CLEAR PATTERNED GLASS



IMAGIN CLEAR

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
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades
- etc.

Pattern availability

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

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

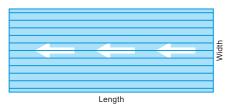
Minimum order

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

Pattern description

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

Pattern direction



Special information

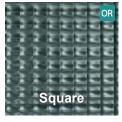
None.

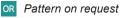




Standard pattern



















^{*} maximum dimensions 3750 × 1850 mm

Thickne	ess (mm)	Thickness tolerance	Tomporing	Lamination	IGU
Standard	Non-standard	(EN 572-5)	Tempering	Lammation	100
4		± 0.5	√	×	✓
	5	± 0.5	√	×	√
6		± 0.5	√	×	√

Physical properties

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

Compliance with European standards

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

	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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





Patterned Glass 130

CLEAR PATTERNED GLASS



IMAGIN CLEAR

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
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades
- etc.



Pattern availability

St	andard
Thickness (mm)	Dimensions* (length × width in mm)
_	2540 x 1850
5	3350 x 1850

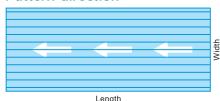
Non-standard		
Thickness Maximum dimensions (mm) (length × width in mm)		
6	3750 × 2040	
8	3750 * 2040	

^{*} maximum dimensions 3750 × 1850 mm

Pattern description

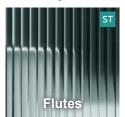
Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	12.5 × 12.5 ± 0.3 mm		3 mm / 1 m	6 mm / 1 m

Pattern direction



Special information

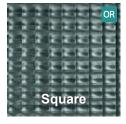
None.

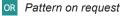
























Thickne	Thickness (mm)		Tomporing	Lamination	IGU
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	igu
5		± 0.5	√	×	✓
	6	± 0.5	√	×	✓
	8	± 0.5	√	×	✓

Physical properties

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

Compliance with European standards

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	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): τv / ρv / ρ'	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	82/7/7	80/7/7	77/7/7
Solar Factor: g	85	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	60	57	52

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Raywall 45 CLEAR PATTERNED GLASS



IMAGIN CLEAR

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

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

* maximum dimensions	3750 ×	1850 mm
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Man	atandard
Non-	-standard
Thickness (mm)	Maximum dimensions (length × width in mm)
5	
6	3750 × 1850
8	3750 ^ 1650
10	

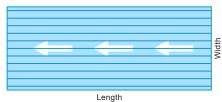
Minimum order

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°

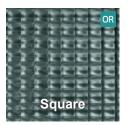
The aforementioned pattern is sufficient to cover the needs for summertime shading in the concerned geographical latitudes, namely for roofs having the ramp in range from 35 to 40°.





Standard pattern





OR Pattern on request













Thickness (mm)		Thickness tolerance	ckness tolerance		IGU
Standard	Non-standard	(EN 572-5)	(EN 572-5)		igo
4		± 0.5	×	✓*	√
	5	± 0.5	×	✓*	✓
	6	± 0.5	×	✓*	✓
	8	± 0.8	×	✓*	×
	10	± 1.0	×	√ *	×

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

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): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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





Raywall 90T

CLEAR PATTERNED GLASS



IMAGIN CLEAR

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

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

Non-standard		
Thickness (mm)	Maximum dimensions (length × width in mm)	
5	2750 × 1050	
10	- 3750 × 1850	

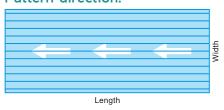
Minimum order

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
Yes	$7.5 \pm 0.3 \text{mm}$		3 mm / 1 m	_

Pattern direction:



Special information

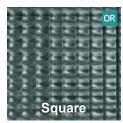
None.





Standard pattern





OR Pattern on request













^{*} maximum dimensions 3750 × 1850 mm

Thickness (mm)		Thickness tolerance Tomporing		Lamination	IGU
Standard	Non-standard	(EN 572-5) Tempering		Lamination	100
4		± 0.5	√	✓*	✓
	5	± 0.5	√	√ *	√
6		± 0.5	√	√ *	✓
8		± 0.8	√	✓*	×
	10	± 1.0	√	✓ *	×

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

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 (-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): τv / ρv / ρ'	89/8/8	89/8/8	89/8/8	87/8/8	86/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Kathedral Klein CLEAR PATTERNED GLASS



Description

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

Applications

- furniture
- doors
- façades
- etc.

Thickness

(mm)

6

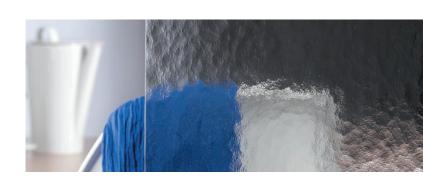
Non-standard

Maximum dimensions

(length × width in mm)

3750 × 2040

- showers partitions
- windows greenhouses
- atriums
- roofs



Pattern availability

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

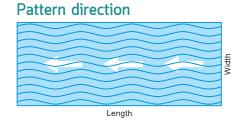
* maximum	dimensions	3750 x	2040 mm
IIIaxIIIIuIII	ullilelisiolis	3/30 ^	2040111111

Minimum order

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

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

Pattern description



Special information

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

Similar patterns





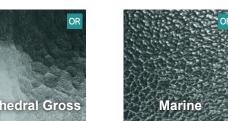
Standard pattern





OR Pattern on request







Thickne	Thickness (mm)		Thickness tolerance Tomporing	Lamination	IGU
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	160
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	Е	7 × 10 ¹⁰ Pa
Poisson's ratio	μ	0.2
Specific heat capacity	C _p	0.72 × 10 ³ J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9 × 10 ⁻⁶ /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Compliance with European standards

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

	4mm	5 mm	6mm	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): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection/ (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Dominos

CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- atriums

- showerspartitions
- windowsfaçades
- roofsetc.

Pattern availability

St	Standard					
Thickness Dimensions* (length × width in mm						
4						
6	3350 × 2040					
8						

^{*} maximum dimensions 3750 × 2040 mm

Pattern direction

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	2 × 2 mm ←► 10 × 10 ± 0.4 mm	_	3 mm / 1 m	8 mm / 1 m

Special information

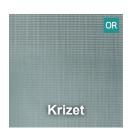
None.

Similar patterns









ST Standard pattern

OR Pattern on request

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

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

Physical properties

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

Compliance with European standards

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

	4mm	6mm	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 (-2,-4)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	80/7/7	77/7/7
Solar Factor: g	86	83	81
Colour Rendering (EN 410): Ra	99	98	98
UV Transmission (EN 410)	63	57	52

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Screen® CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

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

Applications

- furniture
- doors
- atriums

- showers
- windows
- roofs

- partitions
- façades etc.

Pattern availability

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

^{*} maximum dimensions 3750 × 1850 mm

Non-standard			
Thickness (mm)	Maximum dimensions (length × width in mm)		
3			
5	3750 × 1850		
6	3/30 * 1830		
8			

Minimum order

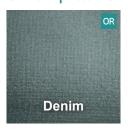
Non-standard thickness: half load can be produced during standard pattern run.

Pattern description

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

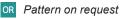
Special information

None.









Thickn	Thickness (mm)		Thickness tolerance Tomporing		IGU
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	igo
	3	± 0.5	√	✓*	×
4		± 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/m³
Young's modulus	Е	7 × 10¹º 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	3	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	4mm	5mm	6mm	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): τv / ρv / ρ'	90/8/8	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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





Glamatt® ANTI-GLARE CLEAR PATTERNED GLASS



IMAGIN CLEAR

Description

Framing glass is clear glass for picture frames that can be used to reduce the negative effect of light reflection.

Anti-glare glass delivers excellent reproduction of contrasts and colours.

Applications

· picture framing



Pattern availability

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

^{*} maximum dimensions 3350 × 1560 mm

Pattern description

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

Special information

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

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

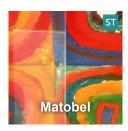
Haze value gives the percentage of scattered light through the glass measured in wide angle scattering.

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

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

Similar products within AGC range

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



ST Standard product



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

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

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	Е	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	3	0.89

Performances

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

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

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

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





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

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

Wired "O" 1/2" CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

S	Standard		
Thickness (mm)	Dimensions* (length × width in mm)		
•	2540 × 1850		
6	3350 × 2040		

Non-standard		
Thickness (mm)	Maximum dimensions (length × width in mm)	
7	3750 × 2040	

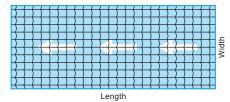
Minimum order

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

Pattern description

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

Wire mesh direction



Special information

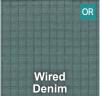
The dimensions of each wire mesh element is 1/2" × 1/2".

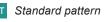
Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

Other wired glass































OR Pattern on request



^{*} maximum dimensions 3750 × 2040 mm

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

Physical properties

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

Compliance with European standards

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

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





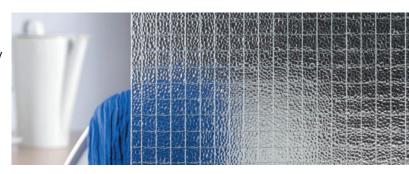
Wired "S" 1/2" CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

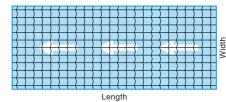
St	Standard		
Thickness Dimensions* (length × width in mm			
6	2540 × 1850		
7	3350 × 1850		

^{*} maximum dimensions 3750 × 2040 mm

Pattern description

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

Wire mesh direction



Special information

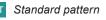
The dimensions of each wire mesh element is $1/2" \times 1/2"$.

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

Other wired glass





























OR Pattern on request

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

Physical properties

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

Compliance with European standards

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

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Delta Mat CLEAR PATTERNED GLASS



Description

Acid-etching is used to matt the glass surface, making it possible to produce patterns with a high-quality satin finish, which provides additional matt and smooth effects, and expands the range of unique designs.

Applications

 furniture showers

partitions

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





Pattern availability

St	Standard		
Thickness (mm)	Dimensions* (length × width in mm)		
4	3210 × 1850		

Non-standard			
Thickness (mm)	Maximum dimensions (length × width in mm)		
6	3210 × 1850		

Minimum order

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

Pattern description

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

Pattern direction



Special information

Also available as a clear pattern without acid-etched surface.

Similar patterns



Standard pattern



MAT Acid-etched glass

^{*} only one dimension (3210 × 1850 mm) available

Thickness (mm)		Thickness tolerance	Tomporing	Lamination	IGU	
Standard	Non-standard	(EN 572-5)		Lammation	igo	
4		± 0.5	√	✓*	√	
	6	± 0.5	√	√ *	✓	

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

Physical properties

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

Compliance with European standards

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

	4mm	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,-4)	31 (-2,-3)
U-value (EN 673)	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	80/7/7
Solar Factor: g	86	83
Colour Rendering (EN 410): Ra	99	98
UV Transmission (EN 410)	63	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





Flutes Mat CLEAR PATTERNED GLASS



Description

Acid-etching is used to matt the whole glass surface, making it possible to produce patterns with a high-quality satin finish, which provides additional matt and smooth effects, and expands the range of unique designs.

Applications

 furniture showers

· partitions

- doors
- windows
- façades
- atriums

Non-standard

Maximum dimensions

(length × width in mm)

3210 × 1850

Thickness

(mm)

- roofs
- etc.



Pattern availability

St	Standard			
Thickness (mm)	Dimensions* (length × width in mm)			
4	3210 × 1850			

* only one dimension	(3210 ×	1850 mm)	available
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Minimum order

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

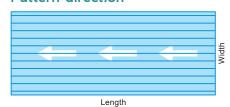
Pattern description

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

Special information

Also available as a clear pattern without acid-etched surface.

Pattern direction



Similar patterns



Standard pattern



MAT Acid-etched glass

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

^{*} Lamination test before first production run is strictly recommended. Lamination is possible when using min. 4 PVB or EVA interlayers.

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	Е	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	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,-4)	31 (-2,-3)
U-value (EN 673)	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	80/7/7
Solar Factor: g	86	83
Colour Rendering (EN 410): Ra	99	98
UV Transmission (EN 410)	63	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





Flutes Black Classic 9005

BACK-PAINTED PATTERNED GLASS



IMAGIN BACK-PAINTED

Description

Imagin Back-Painted is clear patterned glass featuring a high-quality paint on one side. The paint, industrially applied to the glass, delivers a uniform glossy appearance.

Applications

Glass to be used only for indoor applications.

- furniturewall cladding
- tables & counter tops (framed or glued)
- sliding doors
- etc.



Pattern availability

S	Standard		
Thickness Dimensions* (length × width in mm)			
4	3210 × 1850		

Non-standard			
Thickness (mm)	Maximum dimensions (length × width in mm)		
6	3210 × 1850		

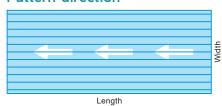
Minimum ordering quantity

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	12.5 ± 0.3 mm		3 mm / 1 m	_

Pattern direction

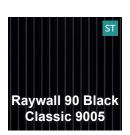


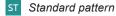
Special information

SAFE+ film (available at www.agc-store.com) can be applied by an independent processor.









^{*}only one dimension (3210 × 1850 mm) available

Thickness (mm)		Thickness tolerance	Lomination	ICII	
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	IGU
4		± 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	3	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	6mm
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)	NPD	NPD
Light transmission / Reflection (EN 410): τv / ρv / ρ'	NPD	NPD
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	NPD	NPD
Solar Factor: g	NPD	NPD
Colour Rendering (EN 410): Ra	NPD	NPD
UV Transmission (EN 410)	NPD	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Flutes White Light 9003

BACK-PAINTED PATTERNED GLASS



IMAGIN BACK-PAINTED

Description

Imagin Back-Painted is clear patterned glass featuring a high-quality paint on one side. The paint, industrially applied to the glass, delivers a uniform glossy appearance.

Applications

Glass to be used only for indoor applications.

- furniturewall cladding
- tables & counter tops (framed or glued)
- sliding doors
- etc.



Pattern availability

Standard			
Thickness Dimensions* (length × width in mm)			
4	3210 × 1850		

Non-standard		
Thickness (mm)	Maximum dimensions (length × width in mm)	
6	3210 × 1850	

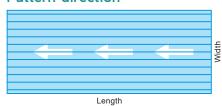
Minimum ordering quantity

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	12.5 ± 0.3 mm		3 mm / 1 m	_

Pattern direction



Special information

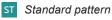
Note that Imagin Flutes White Light 9003 does not match with Lacobel White Pure 9003 as the substrate used is not the same.

SAFE+ film (available at www.agc-store.com) can be applied by an independent processor.









^{*}only one dimension (3210 × 1850 mm) available

Thickness (mm)		Thickness tolerance Tomporing	Lomination	IGU	
Standard	Non-standard	(EN 572-5)	Tempering	Lamination	igo
4		± 0.5	×	×	×
	6	± 0.5	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	Е	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	6mm
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)	NPD	NPD
Light transmission / Reflection (EN 410): τv / ρv / ρ'	NPD	NPD
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	NPD	NPD
Solar Factor: g	NPD	NPD
Colour Rendering (EN 410): Ra	NPD	NPD
UV Transmission (EN 410)	NPD	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Raywall 90 Black Classic 9005

BACK-PAINTED PATTERNED GLASS



IMAGIN BACK-PAINTED

Description

Imagin Back-Painted is clear patterned glass featuring a high-quality paint on one side. The paint, industrially applied to the glass, delivers a uniform glossy appearance.

Applications

Glass to be used only for indoor applications.

- furniturewall cladding
- tables & counter tops (framed or glued)
- sliding doors
- etc.



Pattern availability

S	Standard		
Thickness (mm)	Dimensions* (length × width in mm)		
4	3210 × 1850		

Non-standard			
Thickness (mm)	Maximum dimensions (length × width in mm)		
6	3210 × 1850		

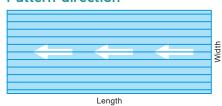
Minimum ordering quantity

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	7.5 ± 0.3 mm		3 mm / 1 m	_

Pattern direction



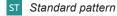
Special information

SAFE+ film (available at www.agc-store.com) can be applied by an independent processor.









^{*}only one dimension (3210 × 1850 mm) available

Raywall 90 Black Classic 9005

Processability and thickness tolerance

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

Physical properties

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

Compliance with European standards

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

	4mm	6mm
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)	NPD	NPD
Light transmission / Reflection (EN 410): τv / ρv / ρ'	NPD	NPD
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	NPD	NPD
Solar Factor: g	NPD	NPD
Colour Rendering (EN 410): Ra	NPD	NPD
UV Transmission (EN 410)	NPD	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Raywall 90 White Light 9003

BACK-PAINTED PATTERNED GLASS



IMAGIN BACK-PAINTED

Description

Imagin Back-Painted is clear patterned glass featuring a high-quality paint on one side. The paint, industrially applied to the glass, delivers a uniform glossy appearance.

Applications

Glass to be used only for indoor applications.

- furniturewall cladding
- tables & counter tops (framed or glued)
- sliding doors
- etc.



Pattern availability

Standard		
Thickness (mm)	Dimensions* (length × width in mm)	
4	3210 × 1850	

Non-standard		
Thickness (mm)	Maximum dimensions (length × width in mm)	
6	3210 × 1850	

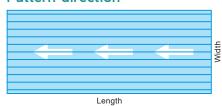
Minimum ordering quantity

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	$7.5 \pm 0.3 \text{mm}$		3 mm / 1 m	_

Pattern direction



Special information

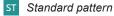
Note that Imagin Raywall 90 White Light 9003 does not match with Lacobel White Pure 9003 as the substrate used is not the same.

SAFE+ film (available at www.agc-store.com) can be applied by an independent processor.









^{*}only one dimension (3210 × 1850 mm) available

Raywall 90 White Light 9003

Processability and thickness tolerance

Thickne	Thickness (mm)		Thickness tolerance		IGU	
Standard	Non-standard	(EN 572-5) Tempering		Lamination	160	
4		± 0.5	×	×	×	
	6	± 0.5	×	×	×	

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	Е	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	6mm
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)	NPD	NPD
Light transmission / Reflection (EN 410): τv / ρv / ρ'	NPD	NPD
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	NPD	NPD
Solar Factor: g	NPD	NPD
Colour Rendering (EN 410): Ra	NPD	NPD
UV Transmission (EN 410)	NPD	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS



