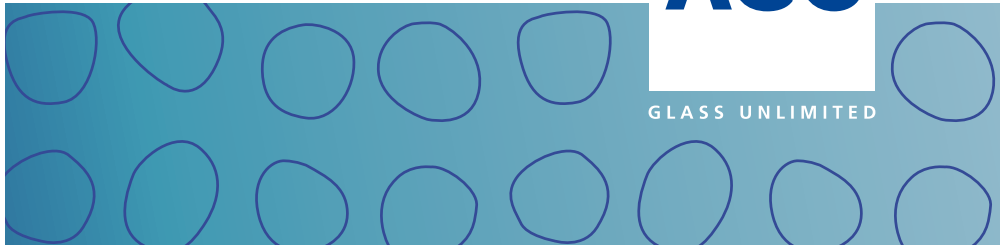
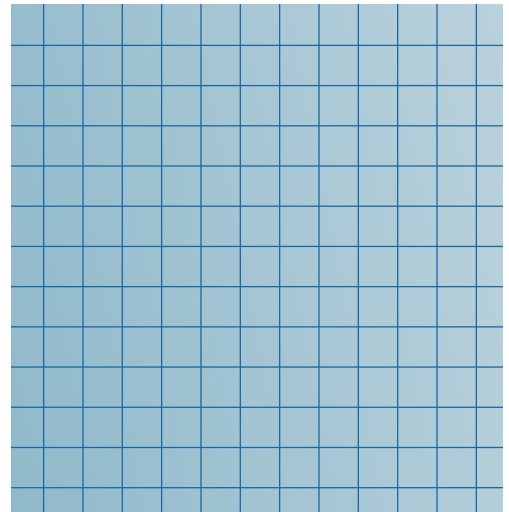
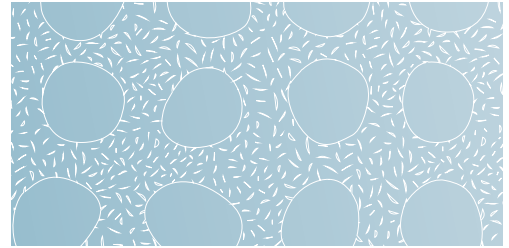
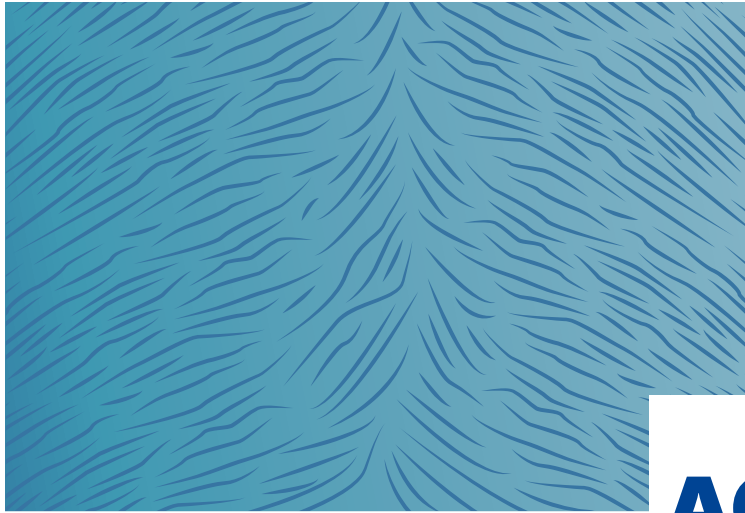
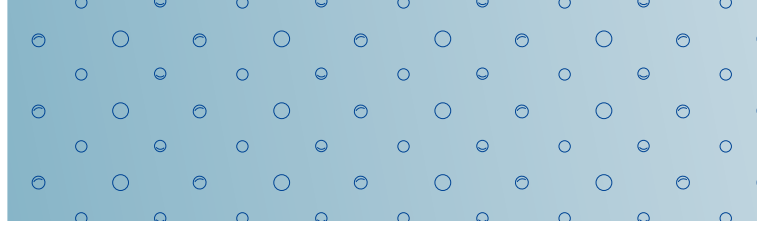
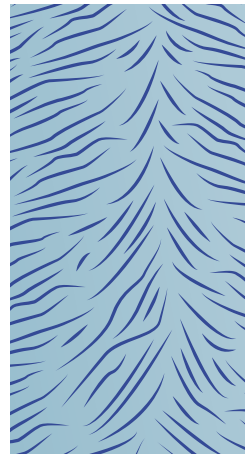
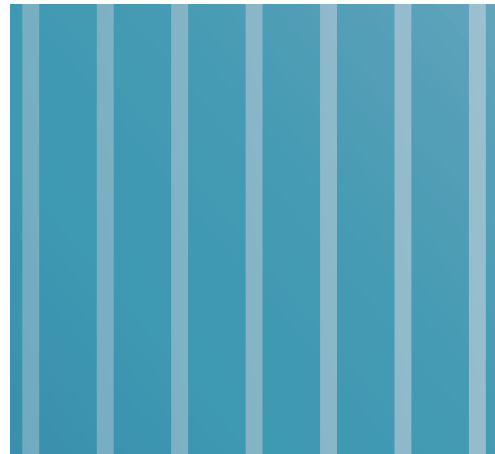
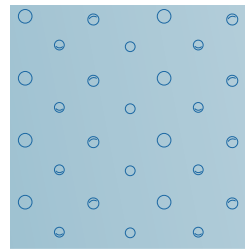


Glass for decoration



FOCUS ON
PATTERNED GLASS

IMAGIN & OLTRELUCE
LINEAR PATTERNS



CONTENTS



IMAGIN & OLTRELUCE LINEAR PATTERNS

Pattern	Pattern availability	Thicknesses* (mm)	Maximum width (mm)	Description
Flutes	ST	4	5, 6***	Lines and stripes deliver a modern look, featuring stark and regular geometry. The combination of vertical and horizontal lines creates unique optics.
Flutex	OR		6	
Listral 151	OR		5	
Patterned Glass 130	ST	5	1850	
Raywall 45	ST	4	5, 6, 8, 10	
Raywall 90	OR		5, 6, 8, 10	
Raywall 90T	ST	4, 6	5, 8, 10	
Square	OR		5	
Stalactit	OR		4, 5, 6	
Waves	ST	4	5, 6, 8, 10	
				*** for 6 max. width 1610

ST Standard pattern

OR Pattern on request

* Thickness **in bold** means standard thickness

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
	2140 x 1320
	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

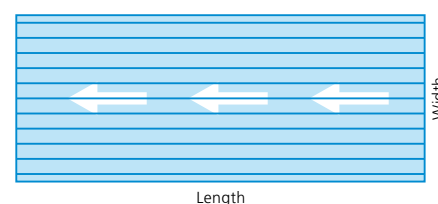
Minimum order:

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	—

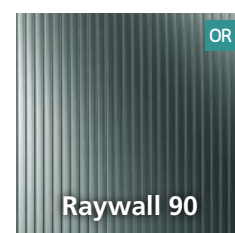
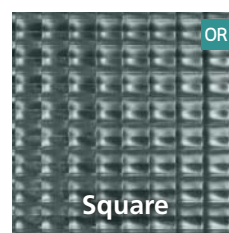
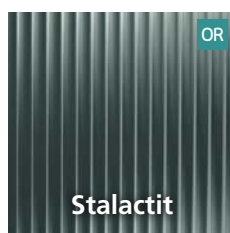
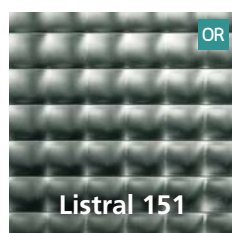
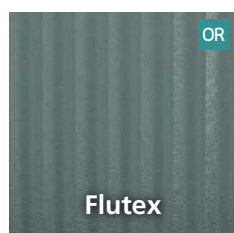
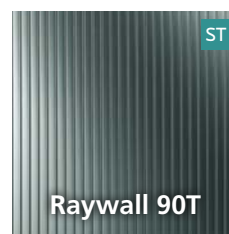
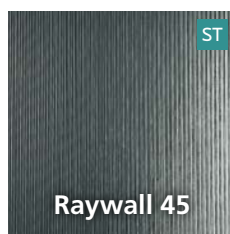
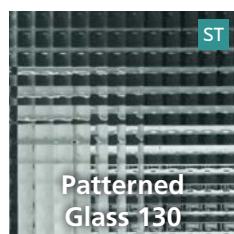
Pattern direction:



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

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	50	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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

[↑ BACK TO CONTENTS](#)

IMAGIN & OLTRELUCE CLEAR PATTERNED GLASS



Flutex

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)
6	3750 x 1850

Pattern description:

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

Special information:

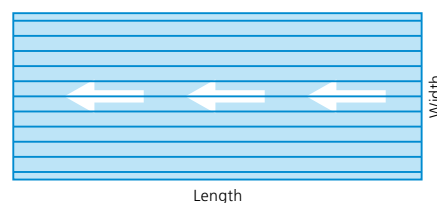
Double sided pattern developed for lamination with 0.76 PVB. Pattern Crepi on the top side is put in laminated glass against PVB.



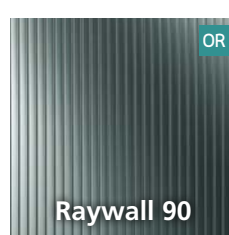
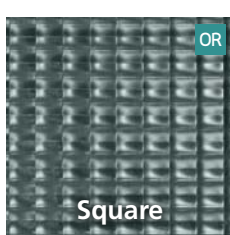
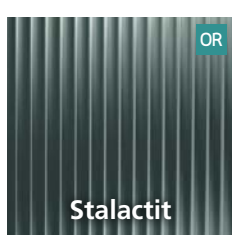
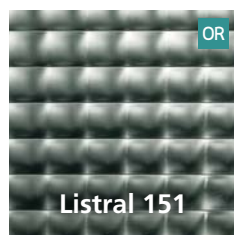
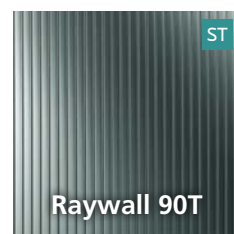
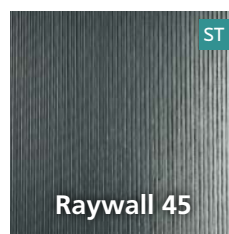
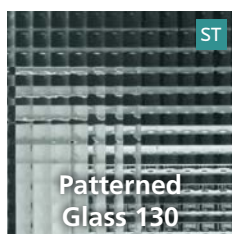
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern direction:



Similar patterns:



ST Standard pattern

OR Pattern on request

[↑ BACK TO CONTENTS](#)

Processability and thickness tolerance:

Thickness (mm)	Thickness tolerance (EN 572-5)	Tempering	Lamination	IGU
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.

	6 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})	31 (-2,-3)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	80/7/7
Solar Factor: g	83
Colour Rendering (EN 410): Ra	98
UV Transmission (EN 410)	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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

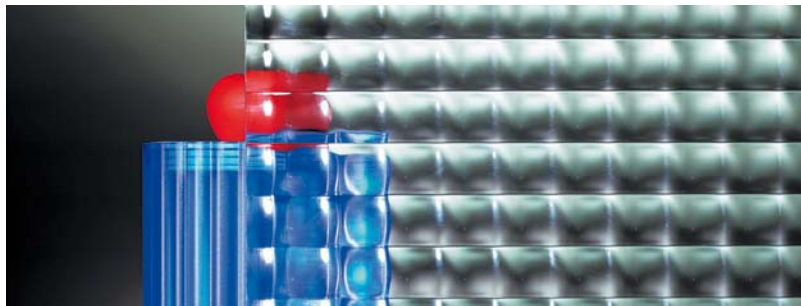
[↑ BACK TO CONTENTS](#)

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

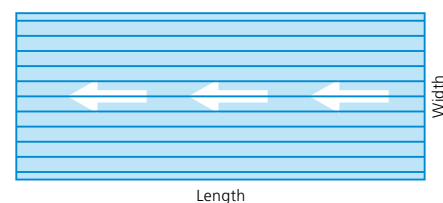
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern description:

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

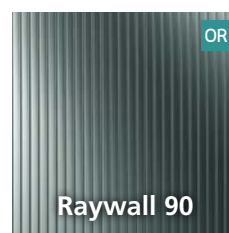
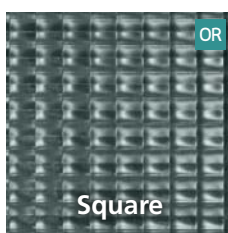
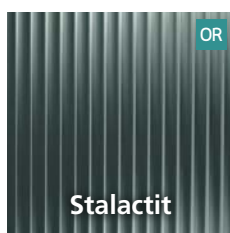
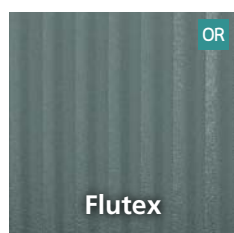
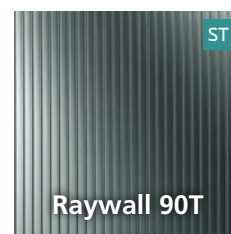
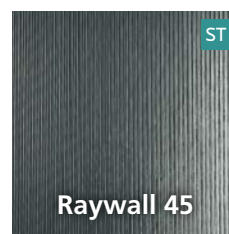
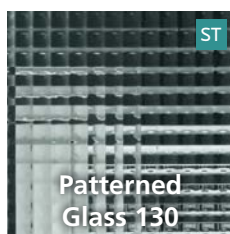
Pattern direction:



Special information:

None.

Similar patterns:



ST Standard pattern

OR Pattern on request

[↑ 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:

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.

	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.

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

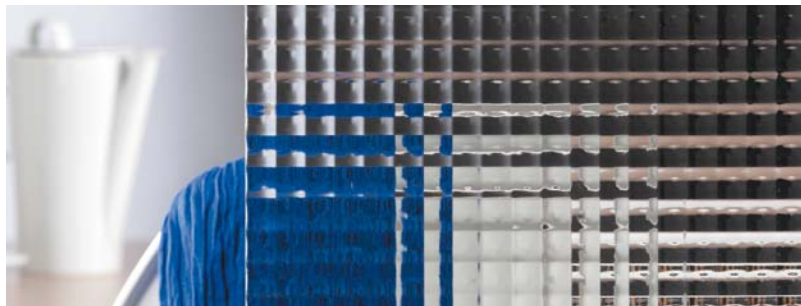
[↑ BACK TO CONTENTS](#)

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:

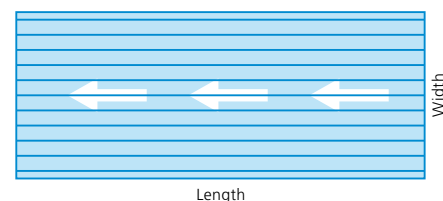
Standard	
Thickness (mm)	Dimensions* (length x width in mm)
5	2540 x 1610
	3350 x 1610

* 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

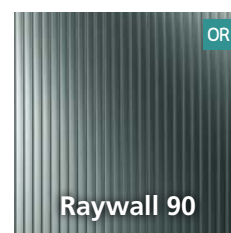
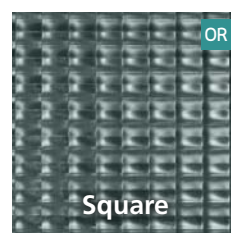
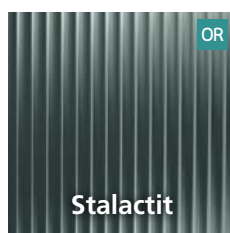
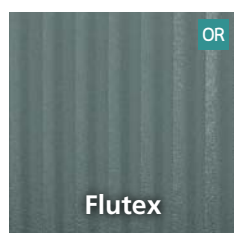
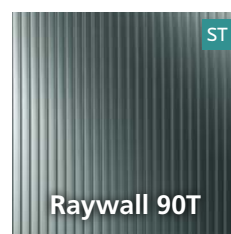
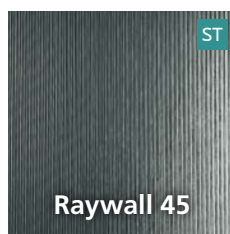
Pattern direction:



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:

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
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.

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

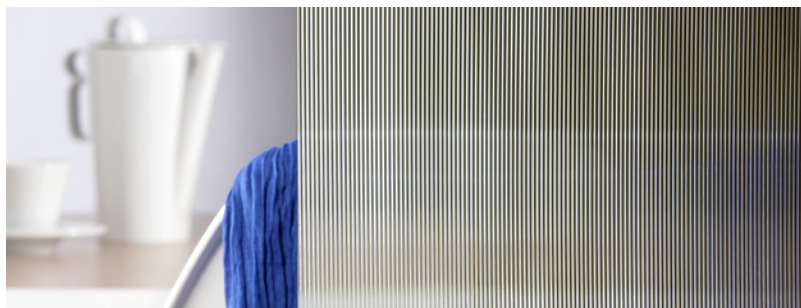
[↑ BACK TO CONTENTS](#)

Description:

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

Applications:

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



Pattern availability:

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

* maximum dimensions 3750 × 1850 mm

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

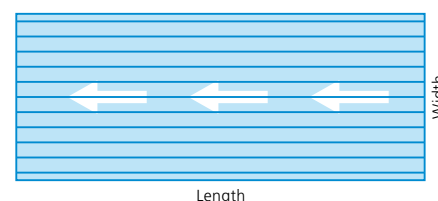
Minimum order:

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

Pattern description:

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

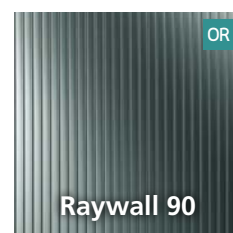
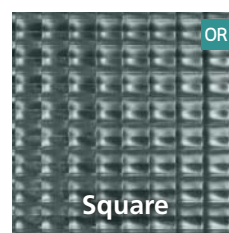
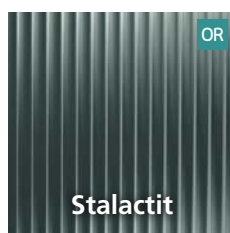
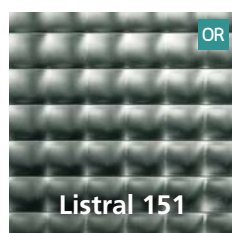
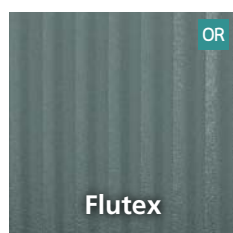
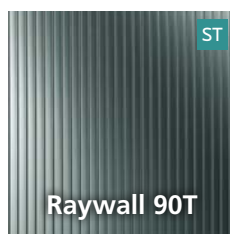
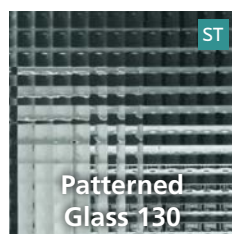
Pattern direction:



Special information:

Special functional pattern developed for control of solar gains. In winter period enhances solar gains, in summer provides solar protection. The product as a raster glass is intended for geographical areas in the latitude between 45° and 55°. The aforementioned pattern is sufficient to cover the needs for summertime shading in the concerned geographical latitudes, namely for roofs having the ramp in range from 35 to 40°.

Similar patterns:



ST Standard pattern

OR Pattern on request

[↑ 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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

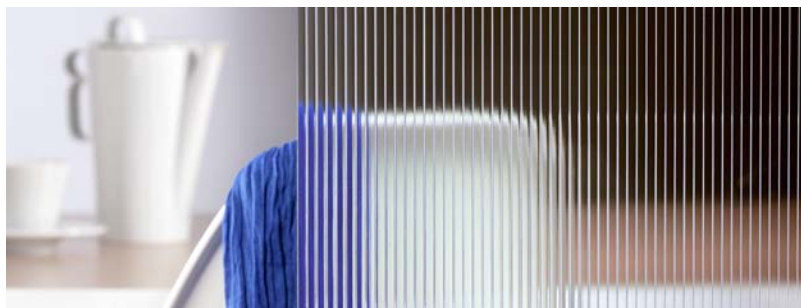
↑ BACK TO CONTENTS

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:

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

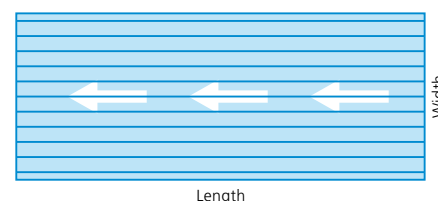
Minimum order:

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	—

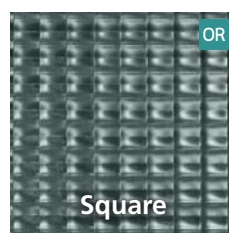
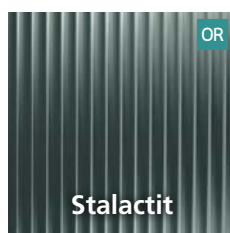
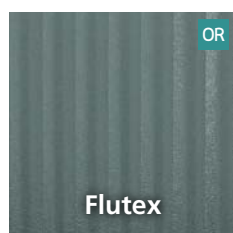
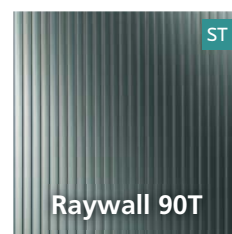
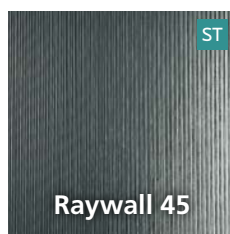
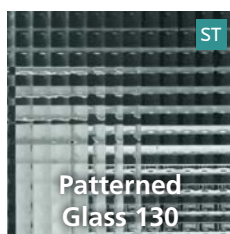
Pattern direction:



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
Standard	Non-standard				
	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.

	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

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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

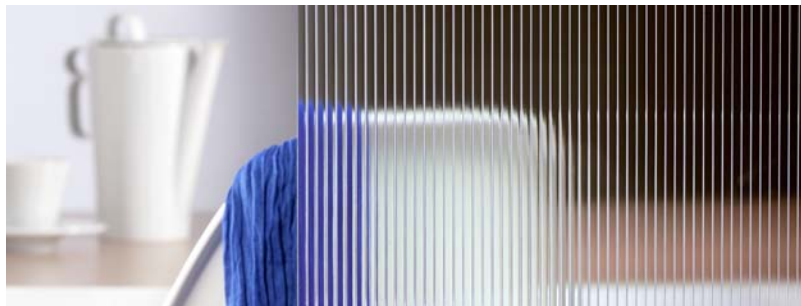
[↑ BACK TO CONTENTS](#)

Description:

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

Applications:

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



Pattern availability:

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

* maximum dimensions 3750 × 1850 mm

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

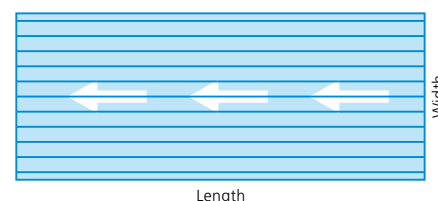
Minimum order:

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

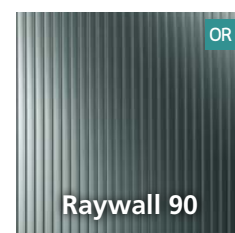
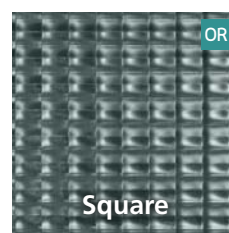
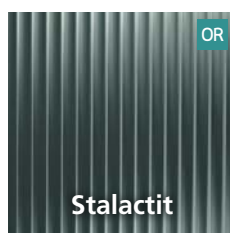
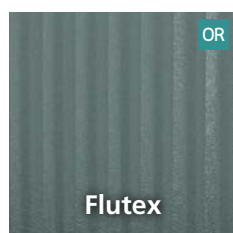
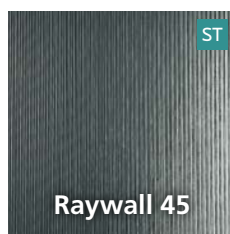
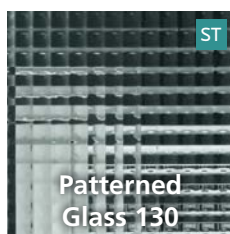
Pattern description:

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

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): 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)	60	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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

[↑ BACK TO CONTENTS](#)

IMAGIN & OLTRELUCE

CLEAR PATTERNED GLASS



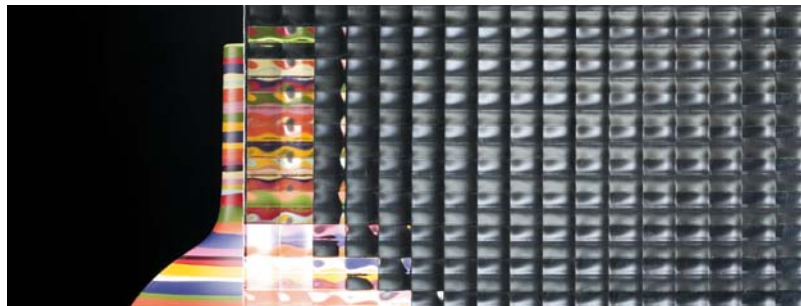
Square

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

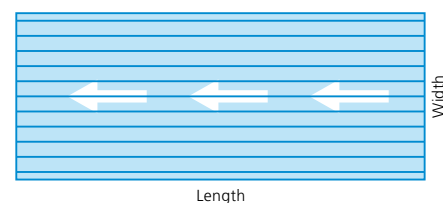
Minimum order:

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

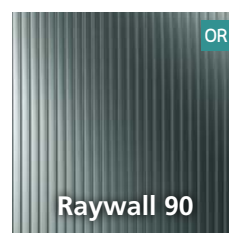
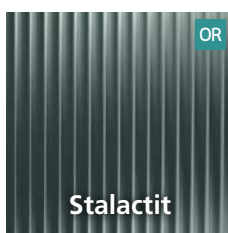
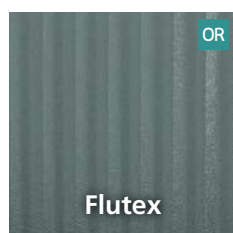
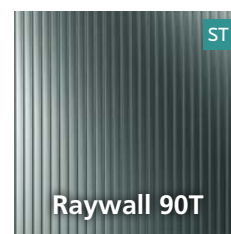
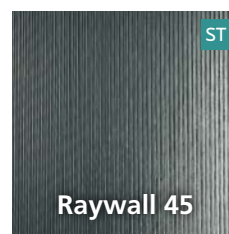
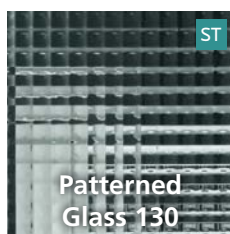
Pattern direction:



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:

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
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.

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

[↑ BACK TO CONTENTS](#)

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	

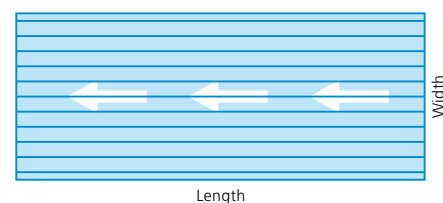
Minimum order:

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	—

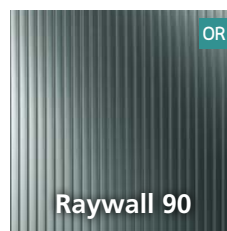
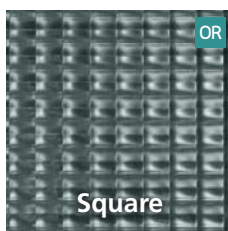
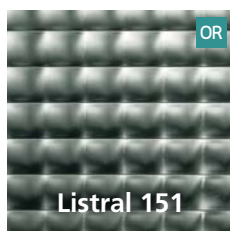
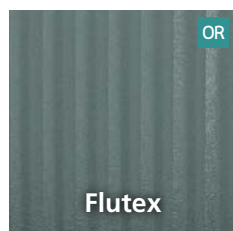
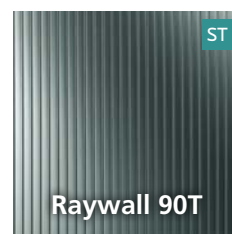
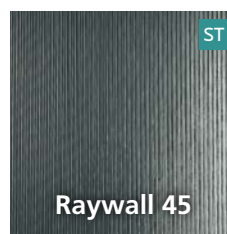
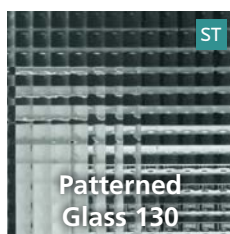
Pattern direction:



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:

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

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

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

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

[↑ BACK TO CONTENTS](#)

IMAGIN & OLTRELUCE CLEAR PATTERNED GLASS



Waves®

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	

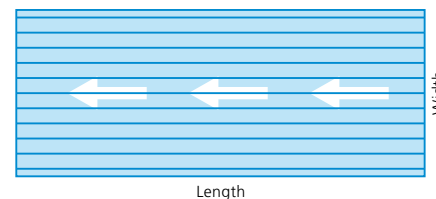
Minimum order:

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	—

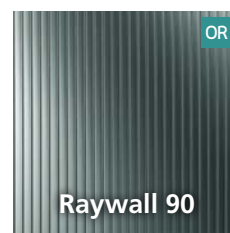
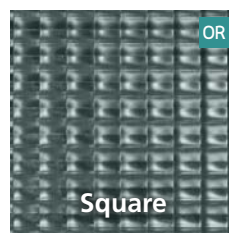
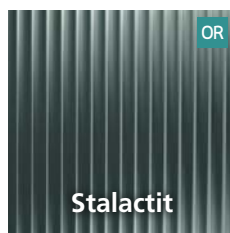
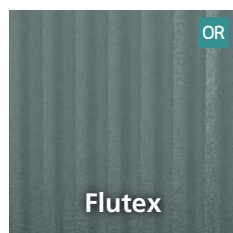
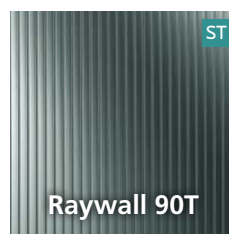
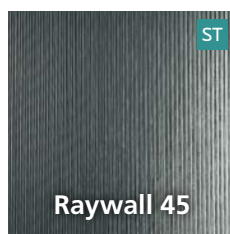
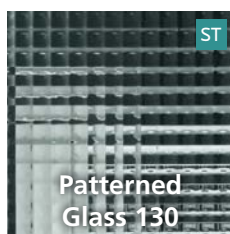
Pattern direction:



Special information:

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

Similar patterns:



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 LEADER IN FLAT GLASS

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for further addresses.

[↑ BACK TO CONTENTS](#)