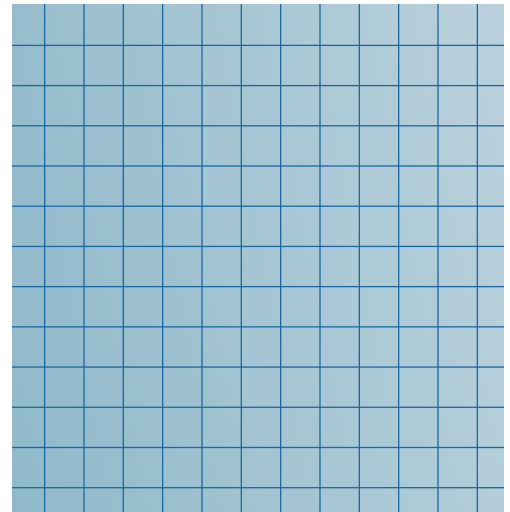
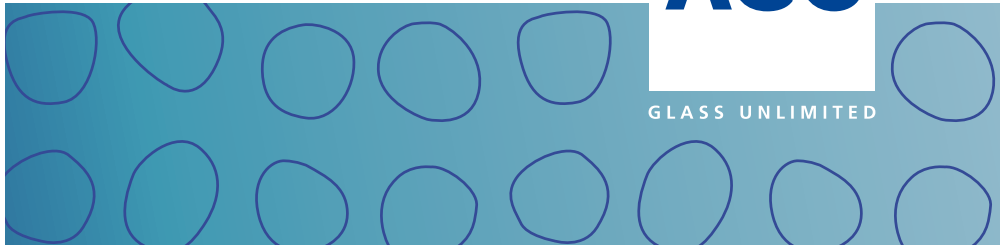
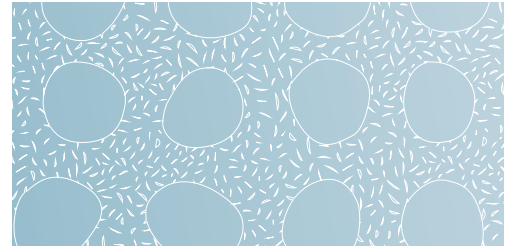
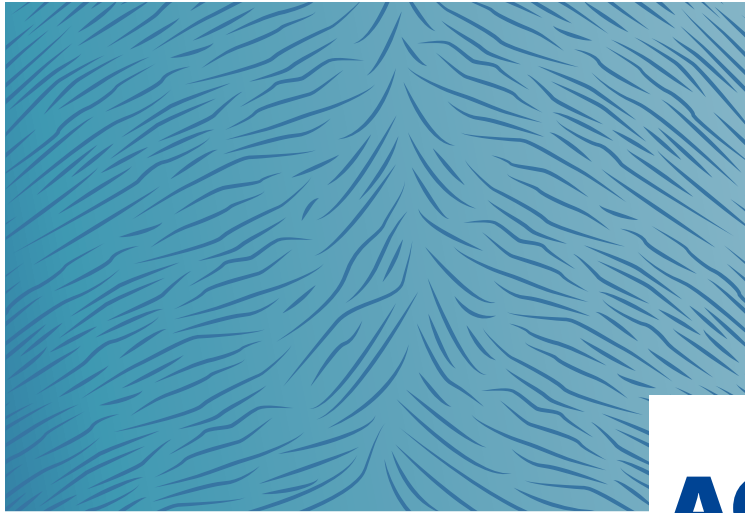
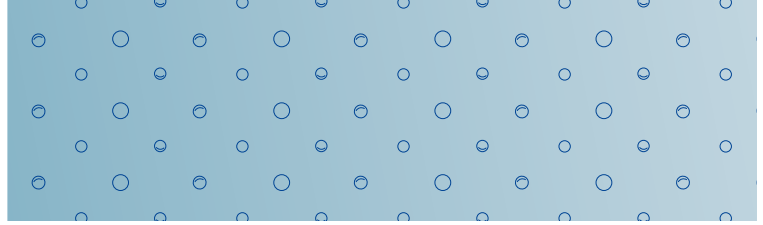
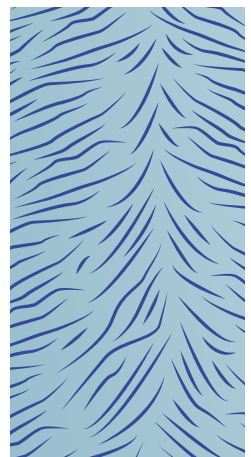
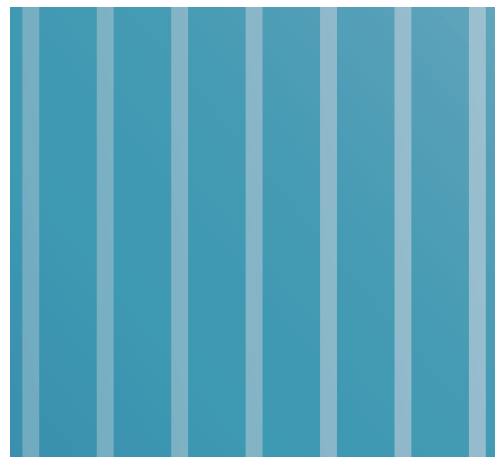
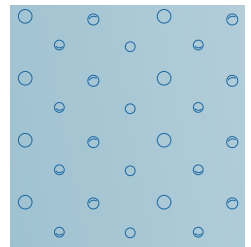


Glass for decoration



FOCUS ON
PATTERNED GLASS

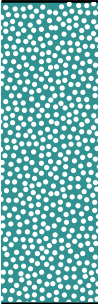
IMAGIN & OLTRELUCE
SANDBLASTED PATTERNS



CONTENTS



IMAGIN & OLTRELUCE SANDBLASTED PATTERNS

Pattern	Pattern availability	Thicknesses* (mm)	Maximum width (mm)	Description
 Aero Sandblasted		4	1610	Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.
Bamboo Sandblasted		5	6, 8	
Delta Sandblasted		4	5, 6, 8, 10	
Farao Sandblasted		4	1850	
Flutes Sandblasted		4	5, 6	
Maya Sandblasted		5	1850	
Niagara Sandblasted		5	6, 8	
Quatrix Sandblasted		4	1850	

 Standard pattern

 Pattern on request

* Thickness **in bold** means standard thickness

IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Aero Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
4	3350 x 1610

Pattern description:

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

Special information:

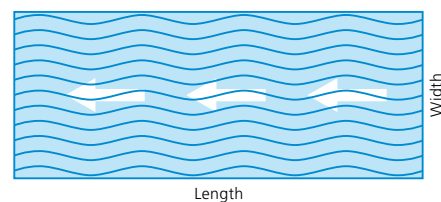
Also available on request in a non-sandblasted version.



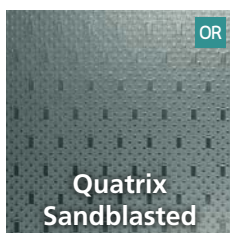
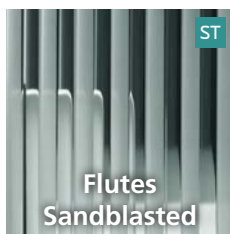
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern direction:



Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)
U-value (EN 673)	5.8

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Bamboo[®] Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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



Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
5	2130 x 1610	6	3350 x 1610
		8	

* maximum dimension 3350 x 1610mm

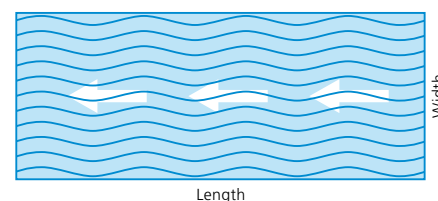
Minimum order:

Non-standard thickness: 1/2 load can be produced during standard pattern campaign.

Pattern description:

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

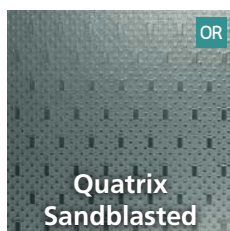
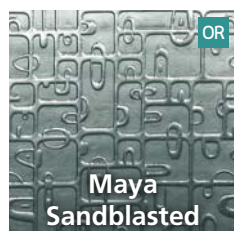
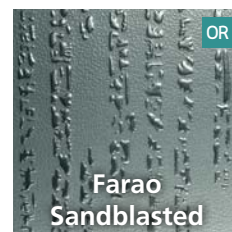
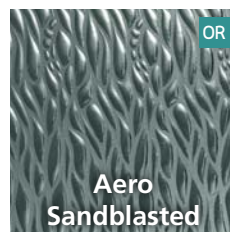
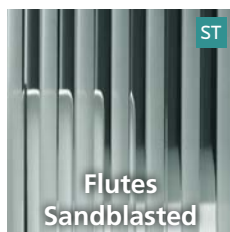
Pattern direction:



Special information:

Also available in a non-sandblasted version.

Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

	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

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



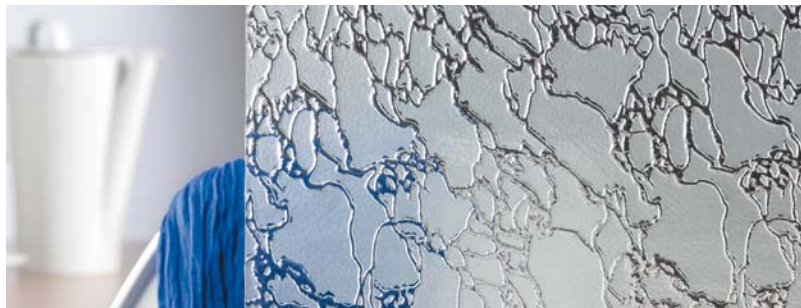
Delta[®] Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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



Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
4	2130 x 1610	5	3350 x 1850
	3350 x 1610	6	
		8	
		10	

* maximum dimensions 3350 x 1850 mm

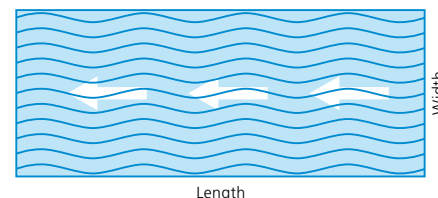
Minimum order:

Non-standard thickness: 1/2 load can be produced during standard pattern campaign.

Pattern description:

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

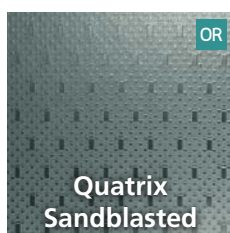
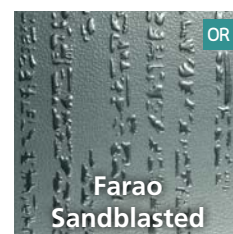
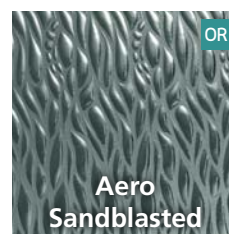
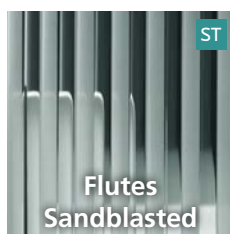
Pattern direction:



Special information:

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

Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

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-younglass.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

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Farao Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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



Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
4	3350 x 1850

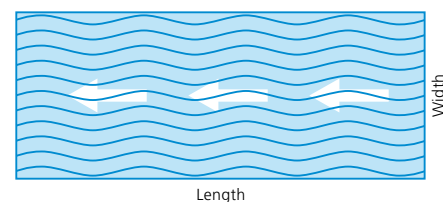
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern description:

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

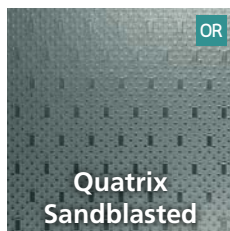
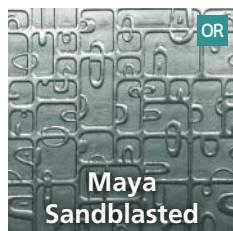
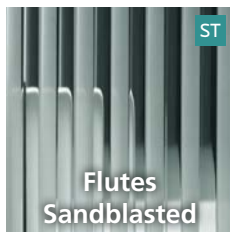
Pattern direction:



Special information:

Also available on request in a non-sandblasted version.

Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)
U-value (EN 673)	5.8

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

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Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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



Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
4	2130 x 1610	5	3350 x 1610
	2540 x 1610	6	

* maximum dimensions 3350 x 1610mm

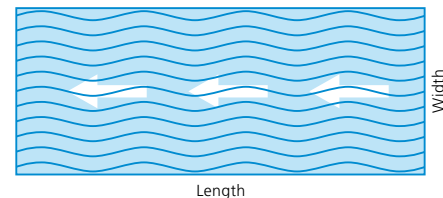
Minimum order:

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 ± 0.3mm		3mm / 1m	—

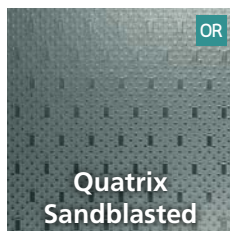
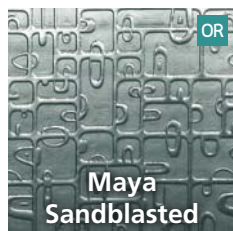
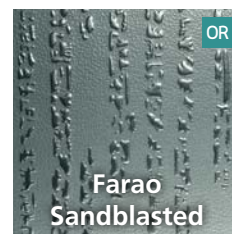
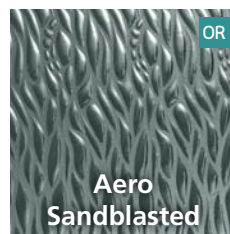
Pattern direction:



Special information:

Also available in a non-sandblasted version.

Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	4 mm	5 mm	6 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Maya Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
5	3350 x 1850

Pattern description:

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

Special information:

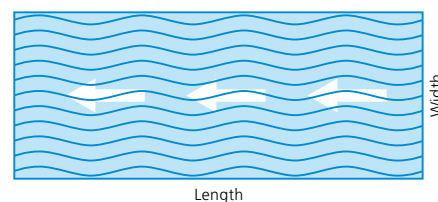
Also available on request in a non-sandblasted version.



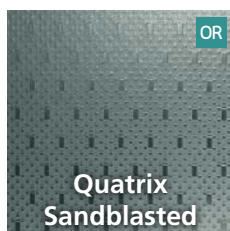
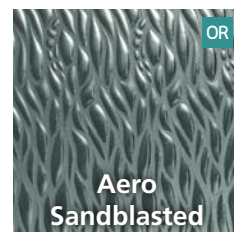
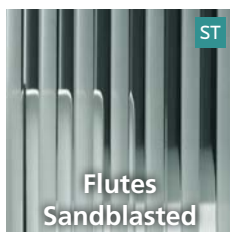
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern direction:



Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Niagara® Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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



Pattern availability:

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

* maximum dimensions 3350 x 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length x width in mm)
6	3350 x 1850
8	

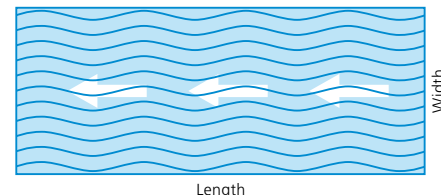
Minimum order:

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

Pattern description:

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

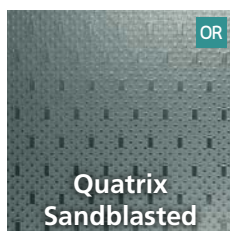
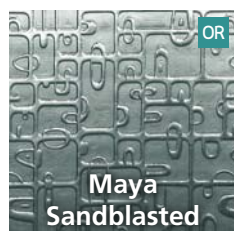
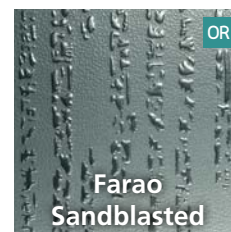
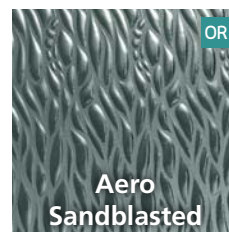
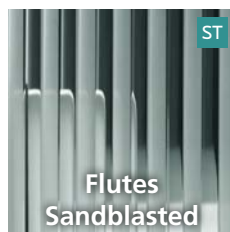
Pattern direction:



Special information:

Also available in a non-sandblasted version.

Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	5 mm	6 mm	8 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.7	5.7

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

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IMAGIN SANDBLASTED CLEAR PATTERNED GLASS



Quatrix Sandblasted

Description:

Sandblasting is used to visibly matt the glass surface, making it possible to produce patterns with additional matt and smooth effects, and expanding the range of unique designs.

Applications:

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

Pattern availability:

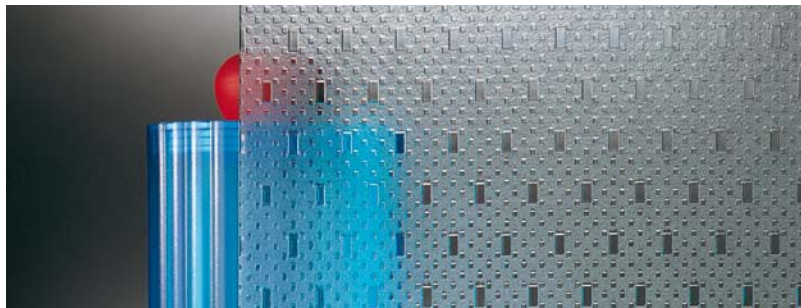
On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
4	3350 x 1850

Pattern description:

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

Special information:

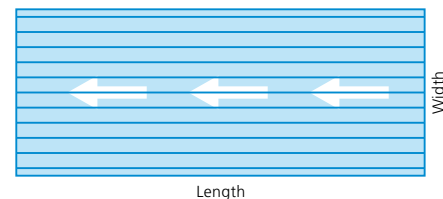
Also available on request in a non-sandblasted version.



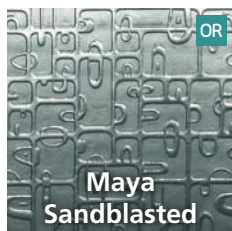
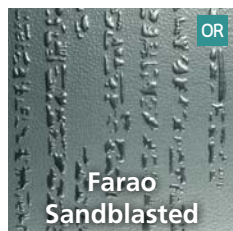
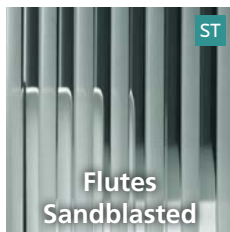
Minimum order:

Pattern on request: 2 full loads (48 tons)

Pattern direction:



Other sandblasted glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	4 mm
Resistance to fire (EN 13501-2)	NPD
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	NPD
Resistance against sudden temperature change and temperature differentials	NPD
Wind, snow, permanent and imposed load resistance	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)
U-value (EN 673)	5.8

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

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