

Aero Sandblasted

CLEAR PATTERNED GLASS



IMAGIN 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 × width in mm)
4	3350 × 1610

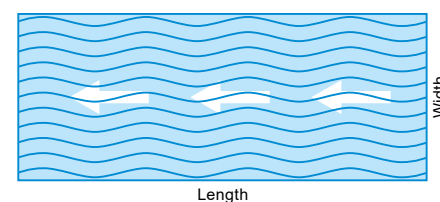
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

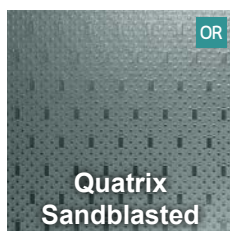
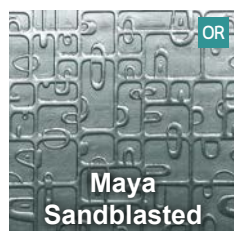
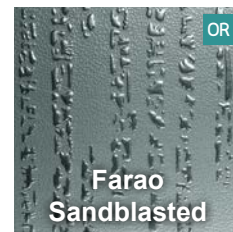
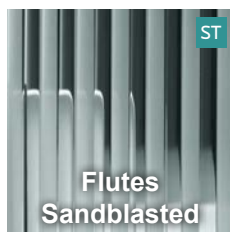
Pattern direction:



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.

	4mm
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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Bamboo® Sandblasted

CLEAR PATTERNED GLASS



IMAGIN 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

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3350 × 1610
6	
8	

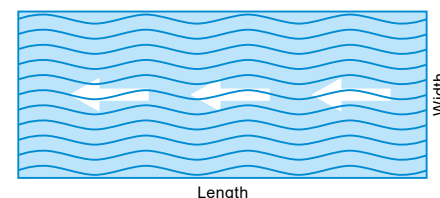
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

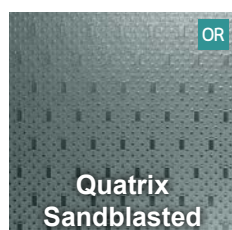
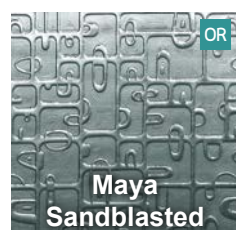
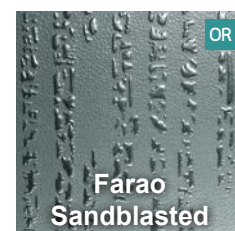
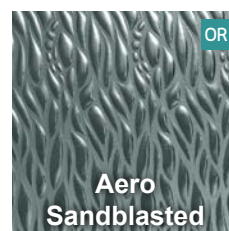
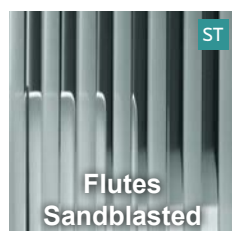
Pattern direction



Special information

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
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

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Delta® Sandblasted

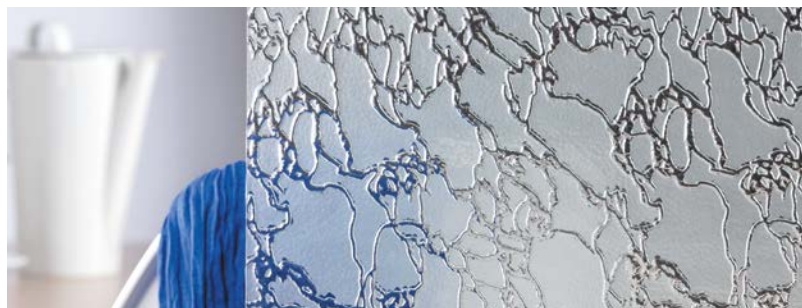
CLEAR PATTERNED GLASS



IMAGIN SANDBLASTED

Description

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Applications

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

Pattern availability

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

* maximum dimensions 3350 × 1850 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3350 × 1850
6	
8	
10	

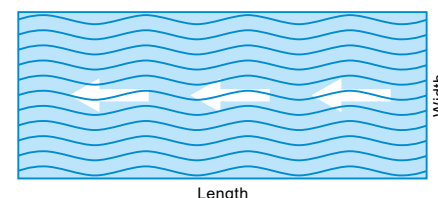
Minimum order

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	—	—	—	—

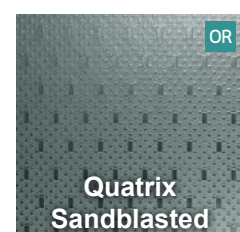
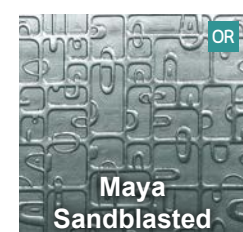
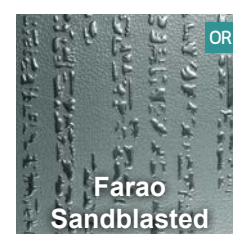
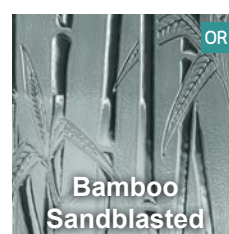
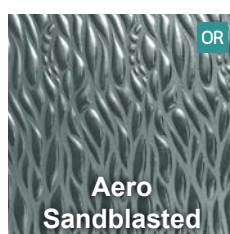
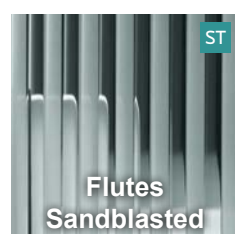
Pattern direction



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

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	4 mm	5 mm	6 mm	8 mm	10 mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)	34 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7	5.7	5.7

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Farao Sandblasted

CLEAR PATTERNED GLASS



IMAGIN 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 × width in mm)
4	3350 × 1850

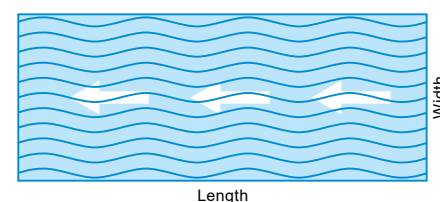
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

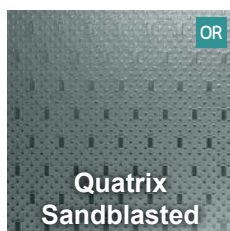
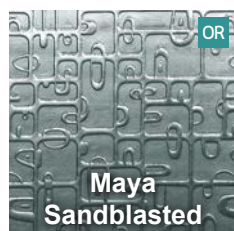
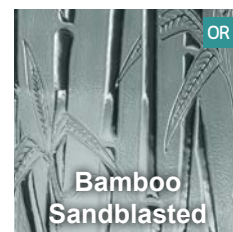
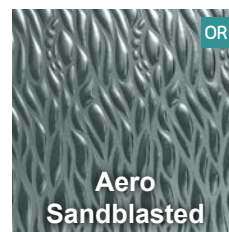
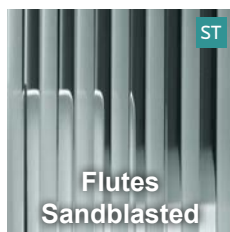
Pattern direction



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

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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

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Flutes Sandblasted

CLEAR PATTERNED GLASS



IMAGIN SANDBLASTED

Description

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Applications

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



Pattern availability

Standard	
Thickness (mm)	Dimensions* (length × width in mm)
4	2540 × 1610

* maximum dimensions 3350 × 1610 mm

Non-standard	
Thickness (mm)	Maximum dimensions (length × width in mm)
5	3350 × 1610
6	

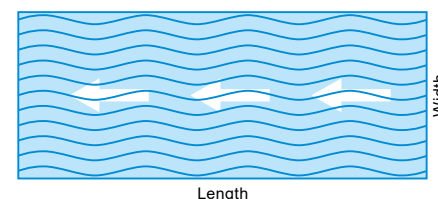
Minimum order

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

Pattern description

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

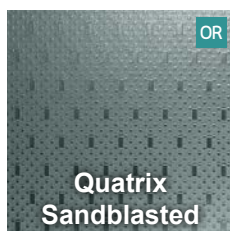
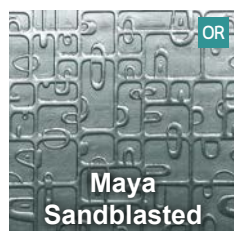
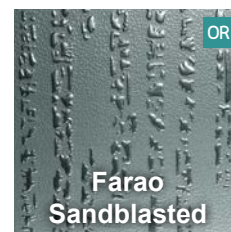
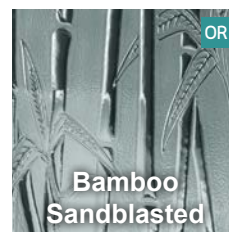
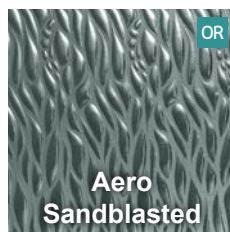
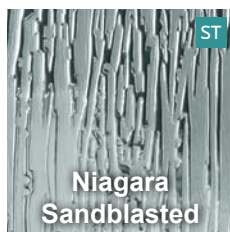
Pattern direction



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

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Maya Sandblasted

CLEAR PATTERNED GLASS



IMAGIN SANDBLASTED

Description

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Applications

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



Pattern availability

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

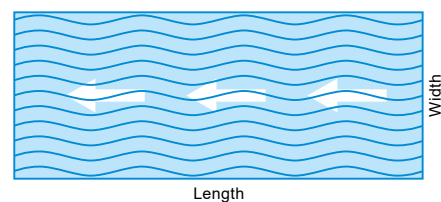
Minimum order

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



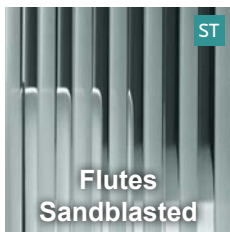
Special information

Also available on request in a non-sandblasted version.

Other sandblasted glass



Delta Sandblasted



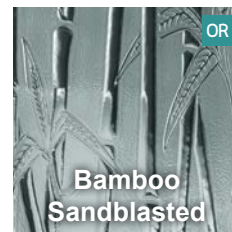
Flutes Sandblasted



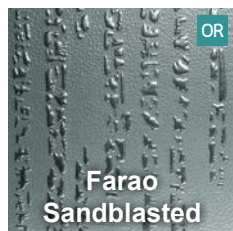
Niagara Sandblasted



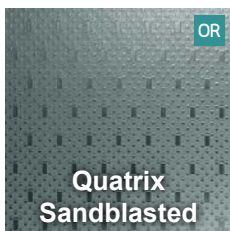
Aero Sandblasted



Bamboo Sandblasted



Farao Sandblasted



Quatrix Sandblasted

ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance

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

Physical properties

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

Compliance with European standards

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Niagara® Sandblasted

CLEAR PATTERNED GLASS



IMAGIN 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 × width in mm)
5	2130 × 1610

* maximum dimensions 3350 × 1850 mm

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

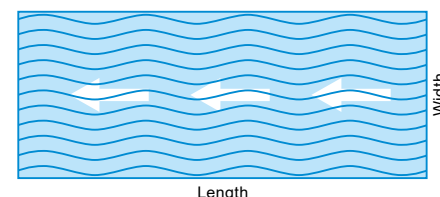
Minimum order

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	—	—	—	—

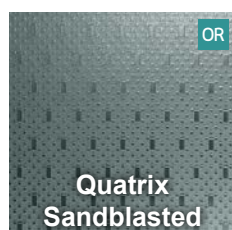
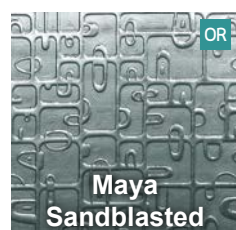
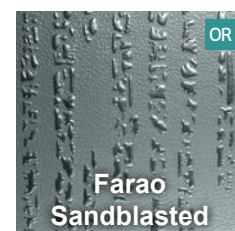
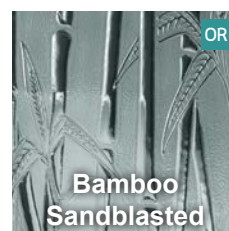
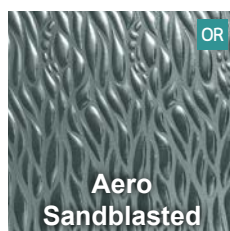
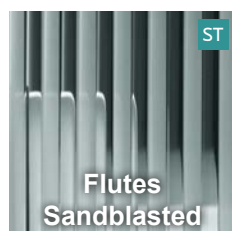
Pattern direction



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

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.

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Quatrix Sandblasted

CLEAR PATTERNED GLASS



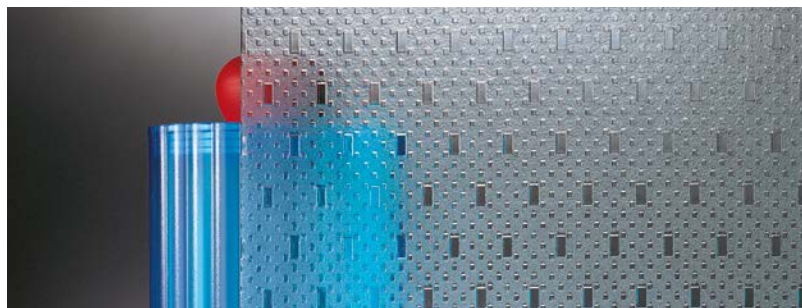
IMAGIN SANDBLASTED

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 × width in mm)
4	3350 × 1850

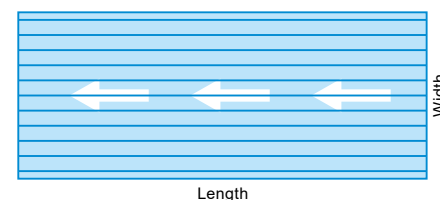
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

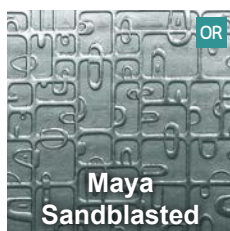
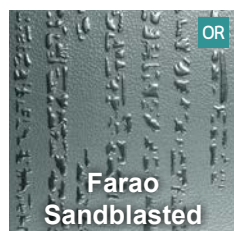
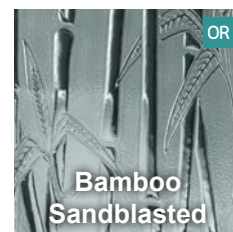
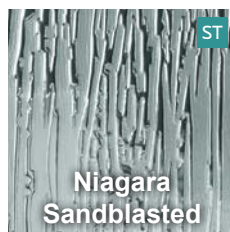
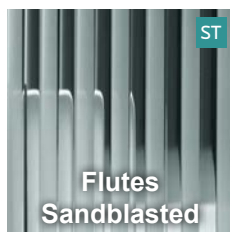
Pattern direction



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

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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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