

IMAGIN WIRED CLEAR PATTERNED GLASS



Wired Alexandria

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
7	3750 x 2040

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

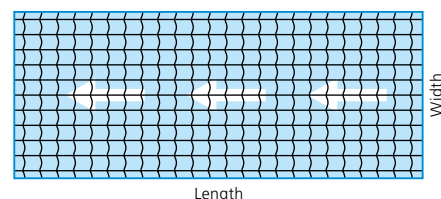
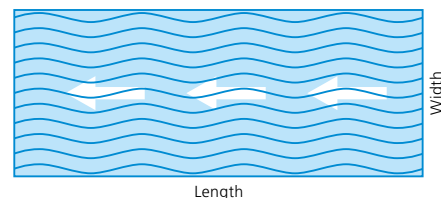
The dimensions of each wire mesh element is 1/2" x 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.



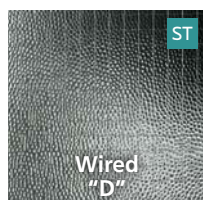
Minimum order:

Pattern on request: 2 full loads
(48 tons)

Pattern and wire mesh direction:



Other wired glass:



Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

	7 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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

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Wired Atlantic

Description:

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Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

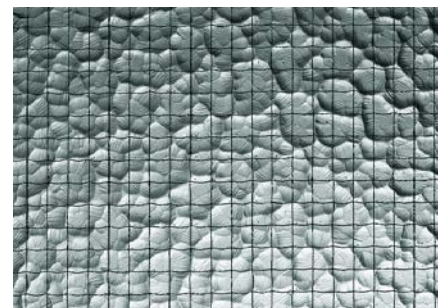
On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
7	3750 x 2040

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

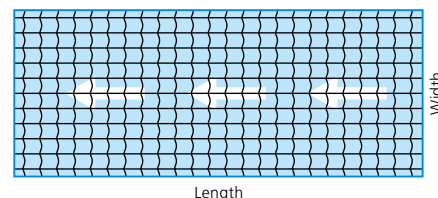
The dimensions of each wire mesh element is 1/2" x 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.



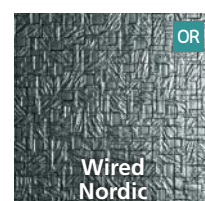
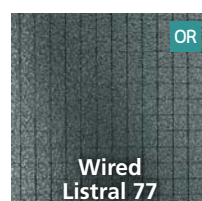
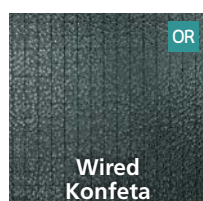
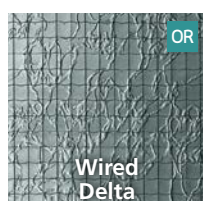
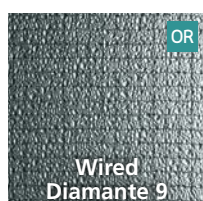
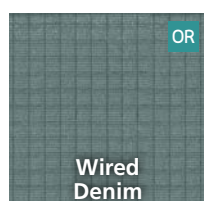
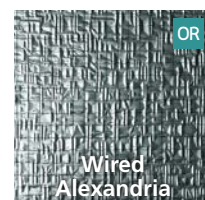
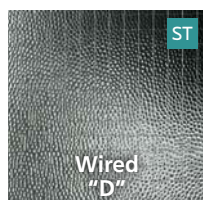
Minimum order:

Pattern on request: 2 full loads (48 tons)

Wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	7 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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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

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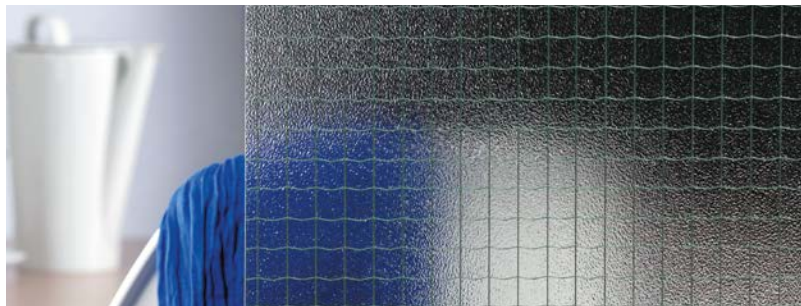
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Wired Crepì

Description:

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Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
6	2540 x 1850	7	3750 x 2040
	3350 x 2040		

* maximum dimension 3750 x 2040mm

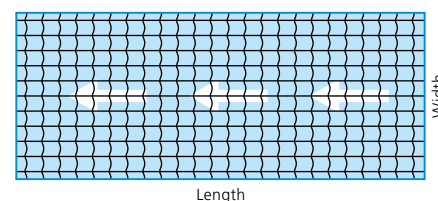
Minimum order:

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

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	12 mm / 1 m

Pattern direction:



Special information:

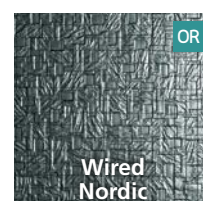
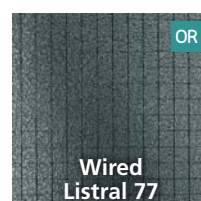
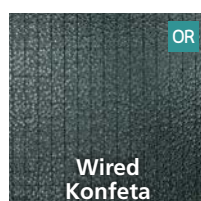
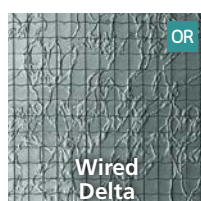
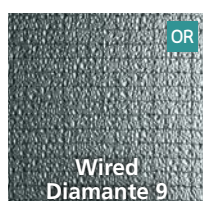
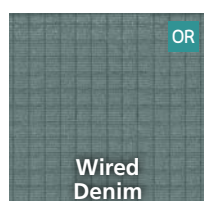
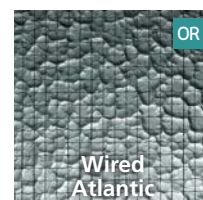
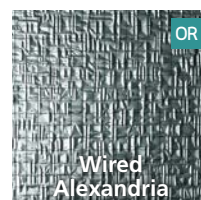
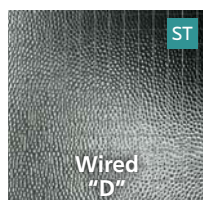
The dimensions of each wire mesh element is 1/2" x 1/2".

Not tested for resistance to fire. In case of need check other wired products.

Also available without a wire mesh as standard patterned glass.

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

Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired "D"

Description:

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



Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length × width in mm)	Thickness (mm)	Maximum dimensions (length × width in mm)
6	3350 × 2040	7	3750 × 2040

* maximum dimension 3750 × 2040 mm

Minimum order:

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

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" × 1/2"	—	—	—	12 mm / 1 m

Special information:

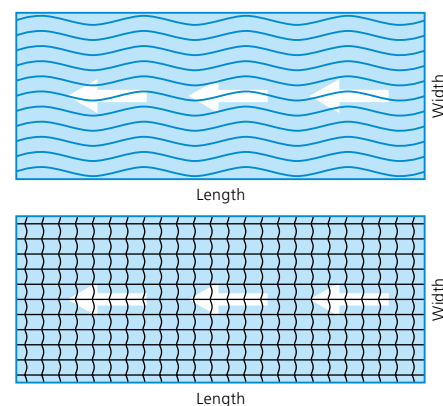
The dimensions of each wire mesh element is 1/2" × 1/2".

Not tested for resistance to fire.

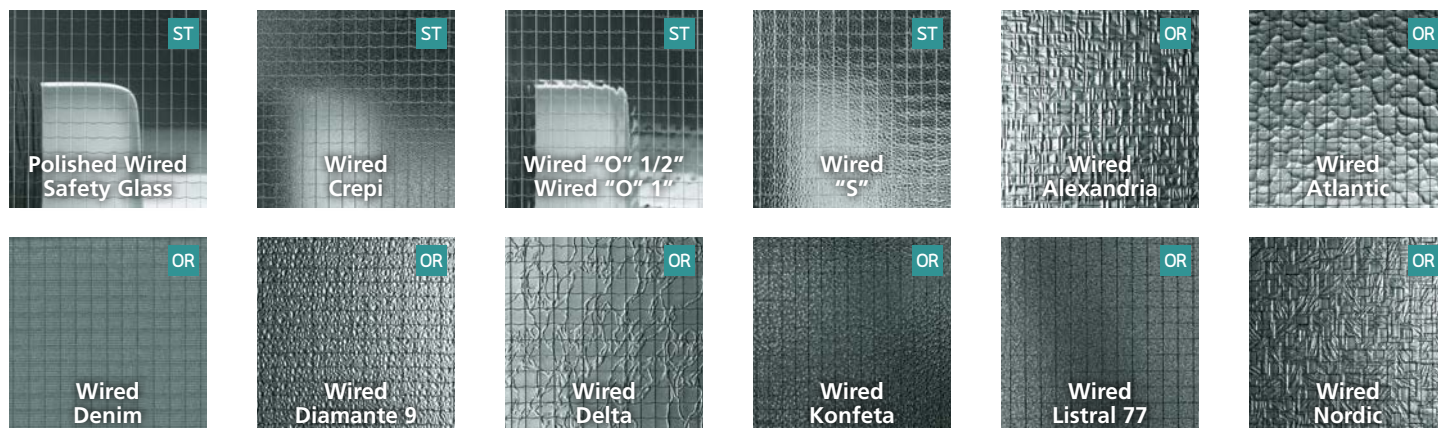
Also available on request without a wire mesh as patterned glass.

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

Pattern and wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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IMAGIN WIRED CLEAR PATTERNED GLASS



Wired Delta[®]

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Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
6	3750 x 1850
7	

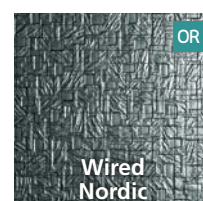
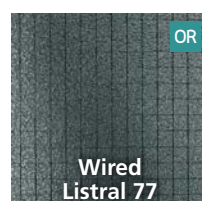
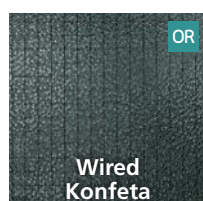
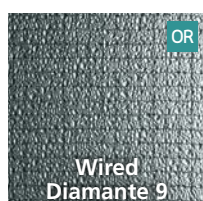
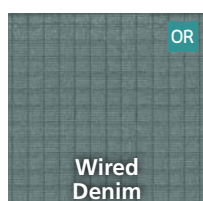
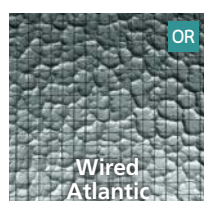
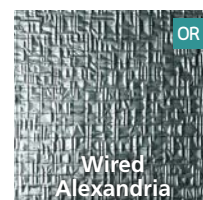
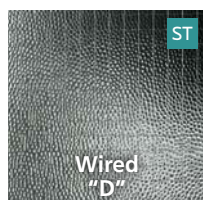
Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

The dimensions of each wire mesh element is 1/2" x 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.

Other wired glass:



ST Standard pattern

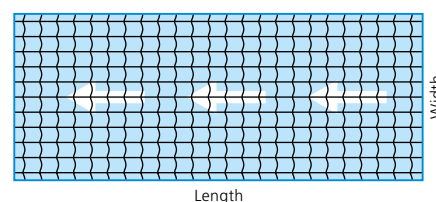
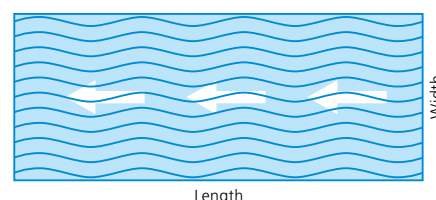
OR Pattern on request



Minimum order:

Pattern on request: 2 full loads
(48 tons)

Pattern and wire mesh direction:



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Processability and thickness tolerance:

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

Physical properties:

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7×10^{10} Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72×10^3 J/(kg.K)
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Reaction to fire (EN 13501-1)	A1	A1
External fire performances	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.7	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

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IMAGIN WIRED CLEAR PATTERNED GLASS



Wired Denim

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

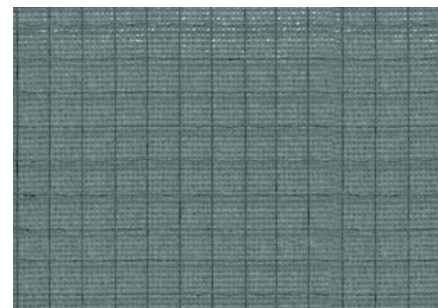
On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
7	3750 x 2040

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Dimensions of pattern element	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	2.3 x 2.3 mm	3 mm / 1 m	8 mm / 1 m	12 mm / 1 m

Special information:

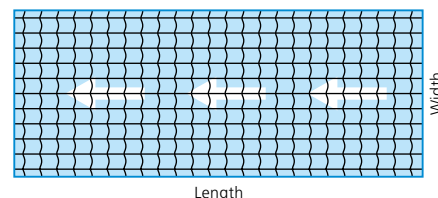
Double sided pattern: pattern Krizet on the bottom side and pattern Crepi on the top side. The dimensions of each wire mesh element is 1/2" x 1/2". Not tested for resistance to fire. In case of need check other wired products. Also available on request without a wire mesh as patterned glass.



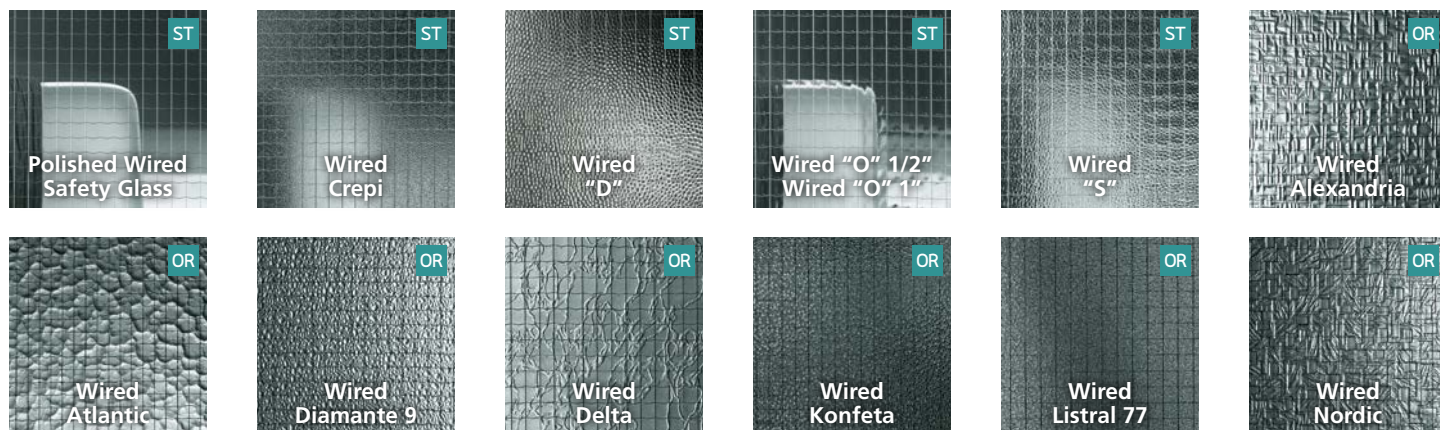
Minimum order:

Pattern on request: 2 full loads (48 tons)

Wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

	7 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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired Diamante 9

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
7	3750 x 2040

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

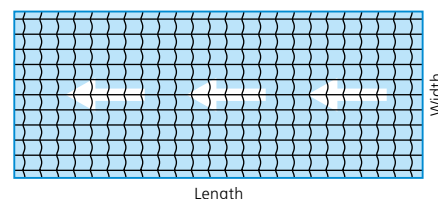
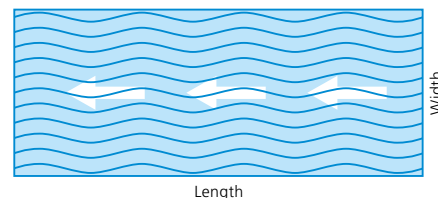
The dimensions of each wire mesh element is 1/2" x 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.



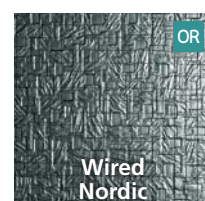
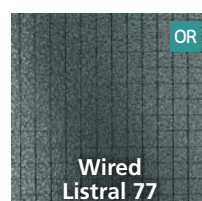
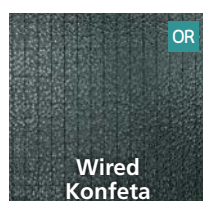
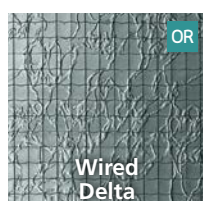
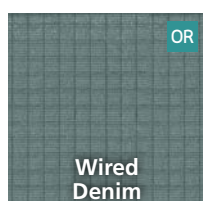
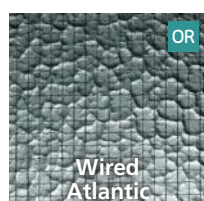
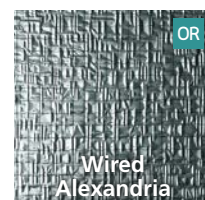
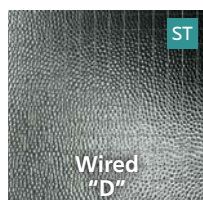
Minimum order:

Pattern on request: 2 full loads
(48 tons)

Pattern and wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	7 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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired Konfeta

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
6	3750 x 2040
7	

Pattern description:

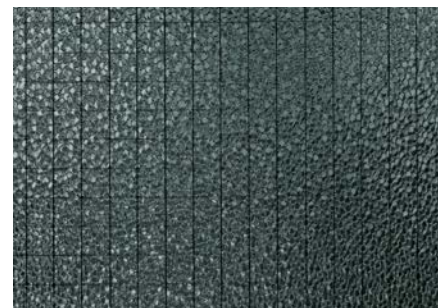
Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

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

Not tested for resistance to fire. In case of need check other wired products.

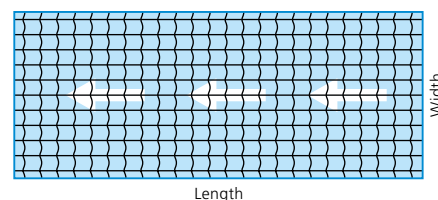
Also available without a wire mesh as standard patterned glass.



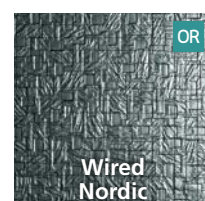
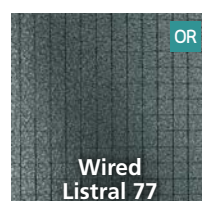
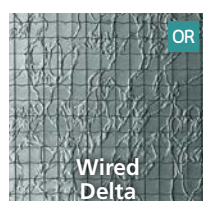
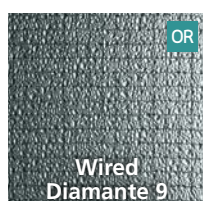
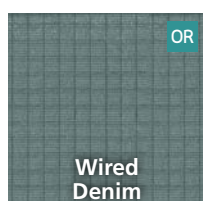
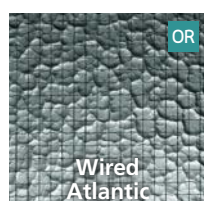
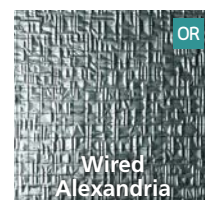
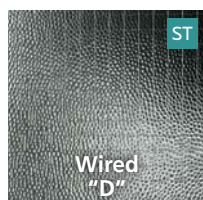
Minimum order::

Pattern on request: 2 full loads (48 tons)

Wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired Listral 77

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
6	3750 x 1850
7	

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1" x 1"	—	—	—	12 mm / 1 m

Special information:

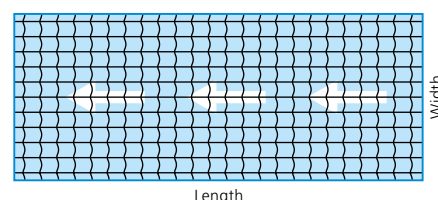
The dimensions of each wire mesh element is 1" x 1".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.



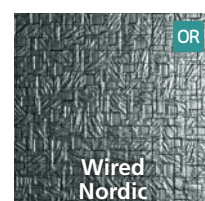
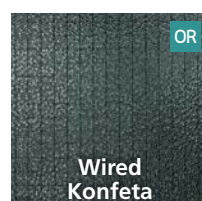
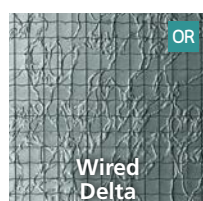
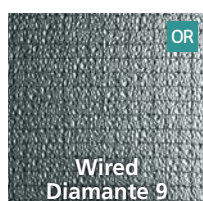
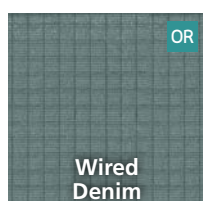
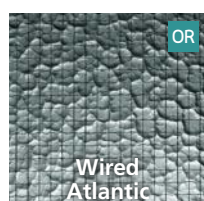
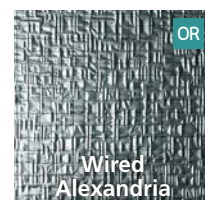
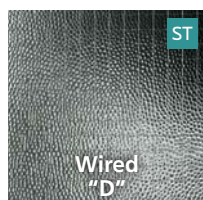
Minimum order:

Pattern on request: 2 full loads
(48 tons)

Wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired Nordic

Description:

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

Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

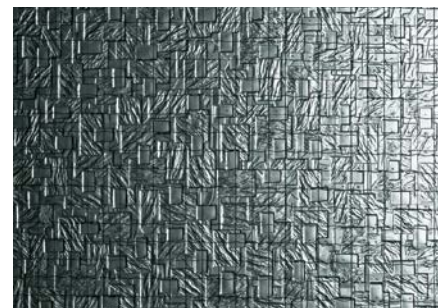
On request	
Thickness (mm)	Maximum dimensions (length x width in mm)
7	3750 x 2040

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1/2" x 1/2"	—	—	—	12 mm / 1 m

Special information:

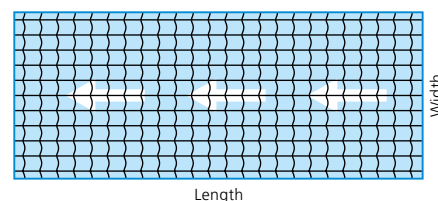
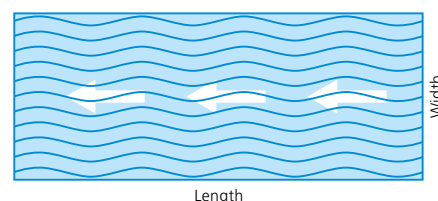
The dimensions of each wire mesh element is 1/2" x 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.



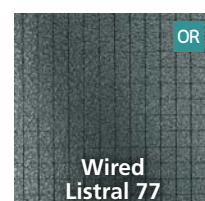
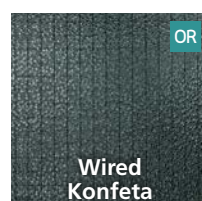
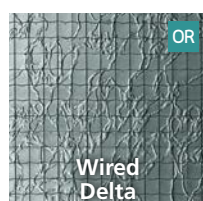
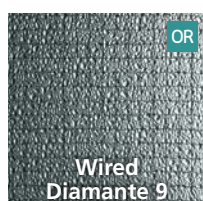
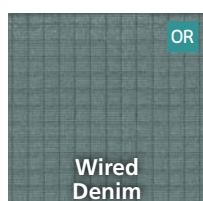
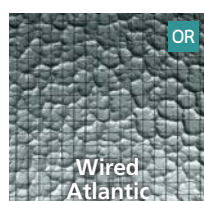
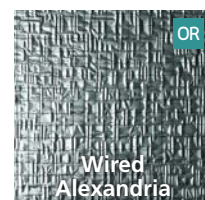
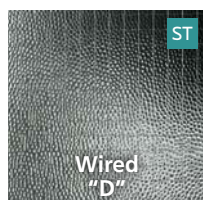
Minimum order:

Pattern on request: 2 full loads
(48 tons)

Pattern and wire mesh direction:



Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Performances according to European standards:

The AGC Glass Europe products fulfill the requirements of the relevant European Regulations and Directives applying to Construction products. Compliance with Construction Product Regulation 305/2011 and other relevant Health and Environment legislations can be found on the AGC website www.yourglass.com.

	7 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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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

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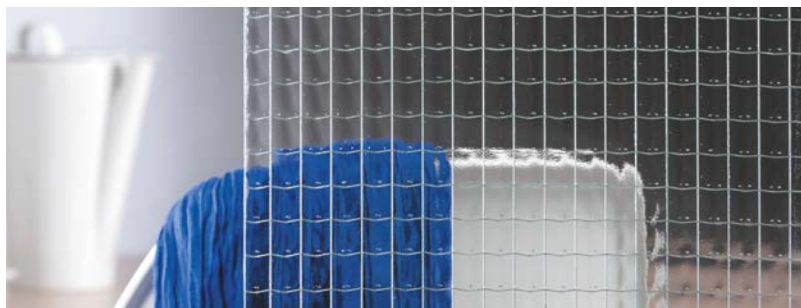
IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired "O" 1/2"

Description:

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



Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
6	2130 x 1500	7	3750 x 2040
	2540 x 1850		
	3350 x 1850		
	3350 x 2040		

* maximum dimensions 3750 x 2040 mm

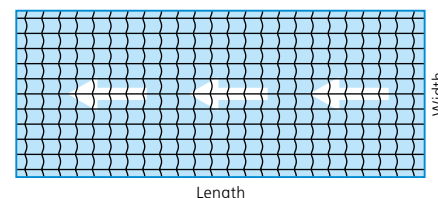
Minimum order:

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

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	12 mm / 1 m

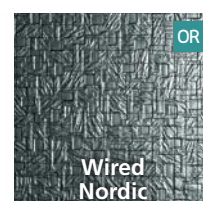
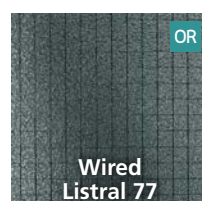
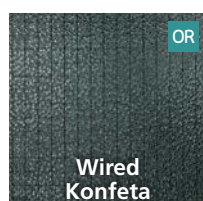
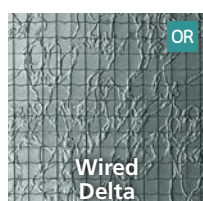
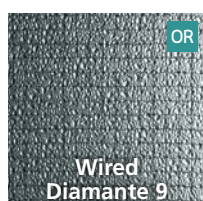
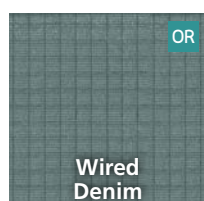
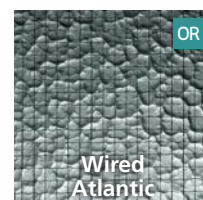
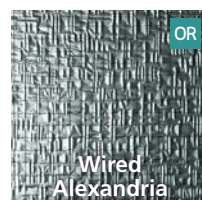
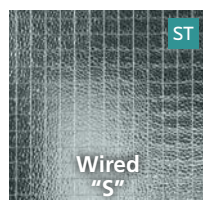
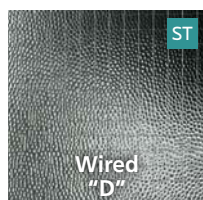
Wire mesh direction:



Special information:

The dimensions of each wire mesh element is 1/2" x 1/2". Also available with a wire mesh element measuring 1" x 1". Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only

Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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

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IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired "O" 1"

Description:

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



Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

Standard		Non-standard	
Thickness (mm)	Dimensions* (length x width in mm)	Thickness (mm)	Maximum dimensions (length x width in mm)
6	3350 x 2040	7	3750 x 2040

* maximum dimensions 3750 x 2040 mm

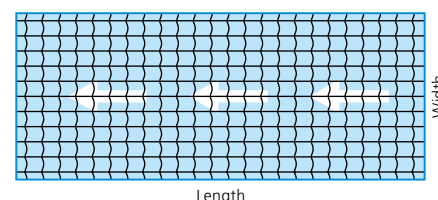
Minimum order:

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

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1" x 1"	—	—	—	12 mm / 1 m

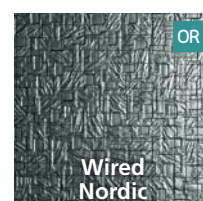
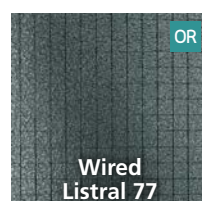
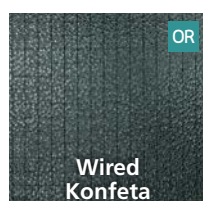
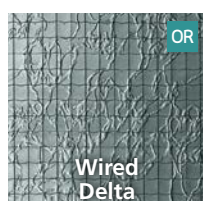
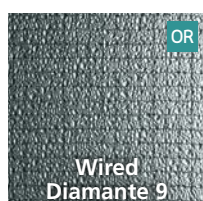
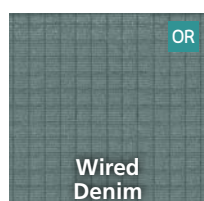
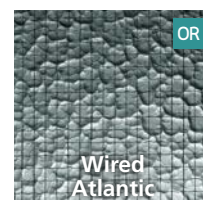
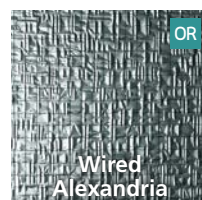
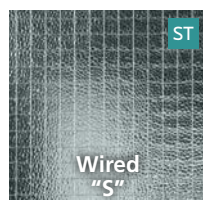
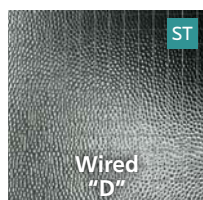
Wire mesh direction:



Special information:

The dimensions of each wire mesh element is 1" x 1". Also available with a wire mesh element measuring 1/2" x 1/2".

Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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

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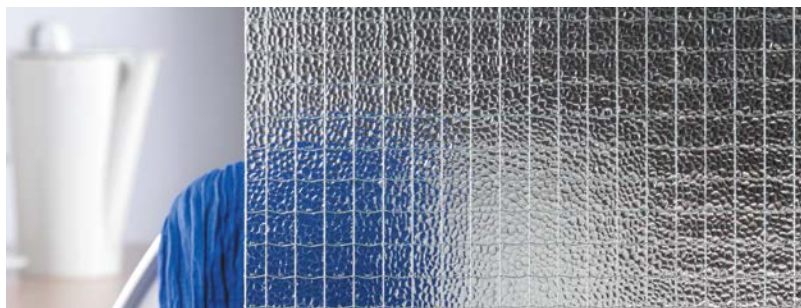
IMAGIN WIRED CLEAR PATTERNED GLASS

AGC

Wired "S"

Description:

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



Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

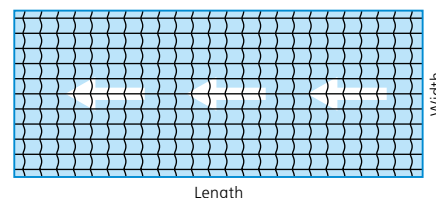
Standard	
Thickness (mm)	Dimensions* (length x width in mm)
6	2540 x 1850
	3350 x 1850
7	3350 x 1850

* maximum dimensions 3750 x 2040 mm

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	12 mm / 1 m

Wire mesh direction:



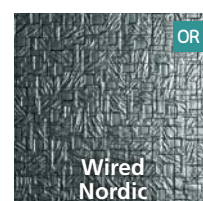
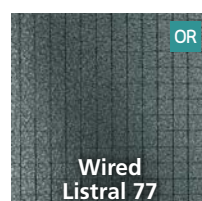
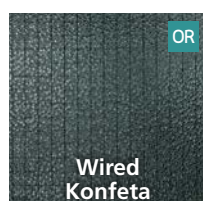
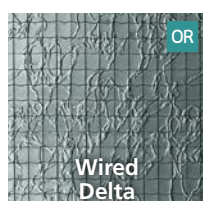
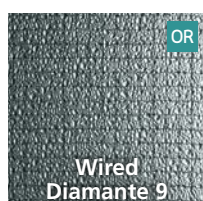
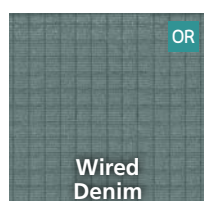
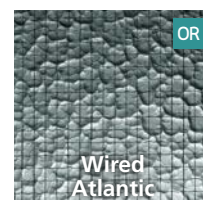
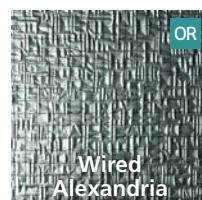
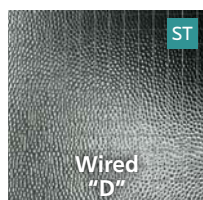
Special information:

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

Also available on request without a wire mesh as patterned glass.

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

Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

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

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Description:

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



Applications:

- furniture
- doors
- fire-resistant barriers
- partitions
- windows
- etc.

Pattern availability:

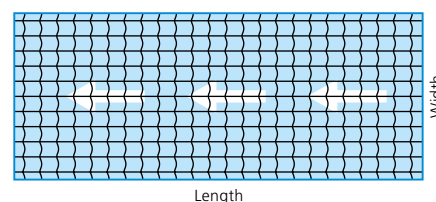
Standard	
Thickness (mm)	Dimensions* (length x width in mm)
7	3302 x 1984

* maximum dimensions 3820x 2540mm

Pattern description:

Direction of pattern	Dimensions of wire mesh element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
No	1/2" x 1/2"	—	—	—	—

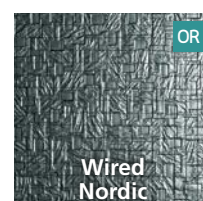
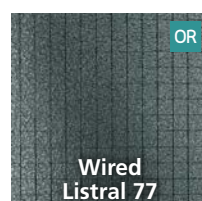
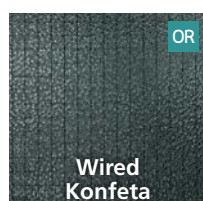
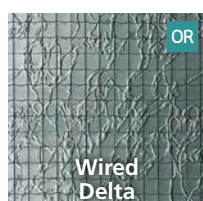
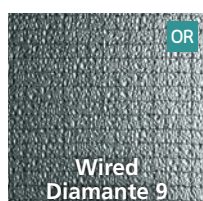
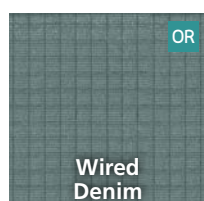
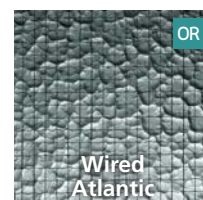
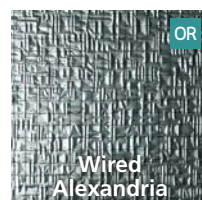
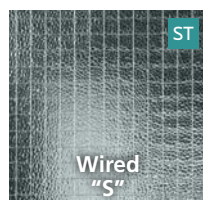
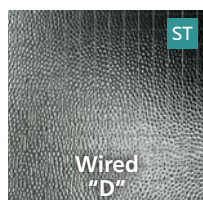
Wire mesh direction:



Special information:

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

Other wired glass:



ST Standard pattern

OR Pattern on request

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Processability and thickness tolerance:

Thickness (mm)	Thickness tolerance	Tempering	Lamination	IGU
7	6.8–7.6	✗	✗	✓

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.

	7 mm
Resistance to fire (EN 13501-2)	E30
Reaction to fire (EN 13501-1)	A1
External fire performances	NPD
Burglar resistance (EN 356)	NPD
Pendulum body impact resistance (EN 12600)	3B3
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})	32 (-1,-2)
U-value (EN 673)	5.7
Light transmission / Reflection (EN 410): τ_v / ρ_v / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τ_e / ρ_e / $\rho'e$	79/7/7
Solar Factor: g	NPD
Colour Rendering (EN 410): Ra	NPD
UV Transmission (EN 410)	NPD

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

AGC GLASS EUROPE, A 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.

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