Wired Alexandria

CLEAR PATTERNED GLASS

AGC

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 × width in mm)	
7	3750 × 2040	

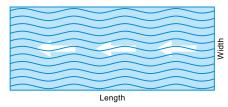
Minimum order

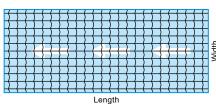
Pattern on request: 2 full loads (48 tons)

Pattern description

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

Pattern and wire mesh direction





Special information

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

Other wired glass





























OR Pattern on request

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): τv / ρv / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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 EUROPEAN LEADER IN FLAT GLASS





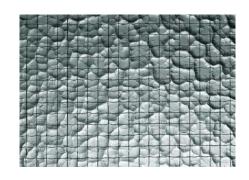
Wired Atlantic

CLEAR PATTERNED GLASS

AGC

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 × width in mm)	
7	3750 × 2040	

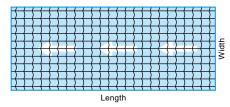
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

Wire mesh direction



Special information

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

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





























OR Pattern on request

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): τv / ρv / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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 EUROPEAN LEADER IN FLAT GLASS





Wired Crepi

CLEAR PATTERNED GLASS

AGC

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

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

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

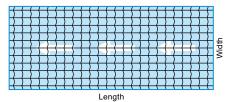
Minimum order

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

Pattern description

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

Pattern direction



Special information

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

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

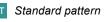
Also available without a wire mesh as standard patterned glass.

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



















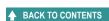












^{*} maximum dimension 3750 × 2040 mm

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

Compliance with European standards

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

	6mm	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Wired "D"

CLEAR PATTERNED GLASS

AGC

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 × width in mm)		
6	3750 × 2040		
7	3750 x 2040		

Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

100	1/2 1/2
Special	information

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

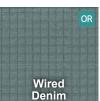
Not tested for resistance to fire.

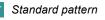
Also available on request without a wire mesh as patterned glass.

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

Other wired glass











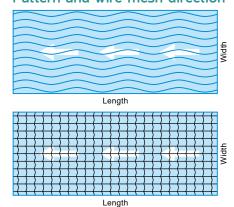








Pattern and wire mesh direction













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

Physical properties

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

Compliance with European standards

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

	6 mm	7 mm
Resistance to fire (EN 13501-2)	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





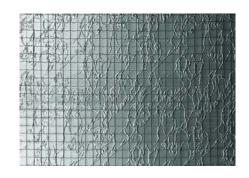
Wired Delta®

CLEAR PATTERNED GLASS

AGC

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 Maximum dimension (mm) (length × width in mm)			
6	3750 × 1850		
7	3/30 * 1030		

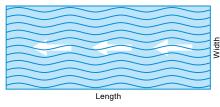
Minimum order

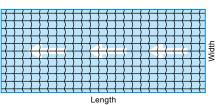
Pattern on request: 2 full loads (48 tons)

Pattern description

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

Pattern and wire mesh direction





Special information

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





























OR Pattern on request

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

Physical properties

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

Compliance with European standards

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

	6mm	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Wired Denim

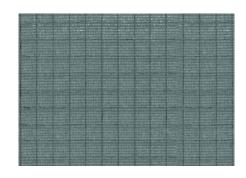
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

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

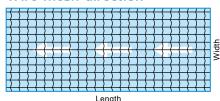
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

Wire mesh direction



Special information

Double sided pattern: pattern Krizet on the bottom side and pattern Crepi on the top side.

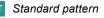
The dimensions of each wire mesh element is 1/2" × 1/2".

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.





























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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	7mm
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): τv / ρv / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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 EUROPEAN LEADER IN FLAT GLASS





Wired Diamante 9

CLEAR PATTERNED GLASS

AGC

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 × width in mm)
7	3750 × 2040

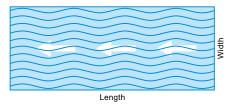
Minimum order

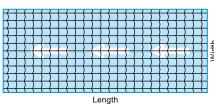
Pattern on request: 2 full loads (48 tons)

Pattern description

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

Pattern and wire mesh direction





Special information

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





























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): τv / ρv / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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 EUROPEAN LEADER IN FLAT GLASS





Wired Konfeta

CLEAR PATTERNED GLASS

AGC

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 × width in mm)
6	3750 × 2040
7	3/30 * 2040

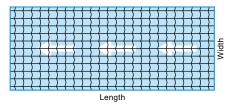
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

Wire mesh direction

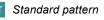


Special information

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





























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

Physical properties

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

Compliance with European standards

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

	6 mm	7 mm
Resistance to fire (EN 13501-2)	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Wired Listral 77

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

On request		
Thickness (mm)	Maximum dimensions (length × width in mm)	
6	2750 × 4050	
7	3750 × 1850	

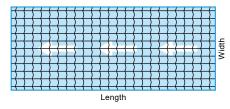
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

Direction of pattern	of wire mesh	Relief	Longitudinal pattern deviation	Crosswise pattern deviation	Crosswise deviation of wire mesh
Yes	1" × 1"	_	_	_	12 mm / 1 m

Wire mesh direction



Special information

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

















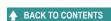












Thickness (mm)	Thickness tolerance (EN 572-6)	Tempering	Lamination	IGU
6	± 0.6	×	×	✓
7	± 0.7	×	×	✓

Physical properties

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

Compliance with European standards

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

	6 mm	7 mm
Resistance to fire (EN 13501-2)	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Wired Nordic

CLEAR PATTERNED GLASS

AGC

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 × width in mm)	
7	3750 × 2040	

Minimum order

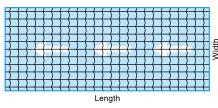
Pattern on request: 2 full loads (48 tons)

Pattern description

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

Pattern and wire mesh direction





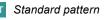
Special information

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































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): τv / ρv / ρ'	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'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 EUROPEAN LEADER IN FLAT GLASS





Wired "O" 1/2"

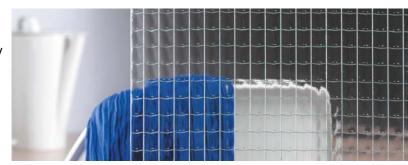
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

Standard				
Thickness Dimensions* (length × width in m				
6	2540 × 1850			
	3350 × 2040			

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

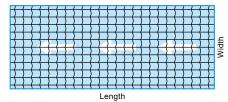
Minimum order

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

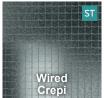
Pattern description

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

Wire mesh direction

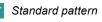


Special information
The dimensions of each wire mesh element is 1/2" × 1/2". Also available with a wire mesh element measuring 1" × 1".
Possibility to produce, On Request only, Wired Safety Glass with 3(B)3 safety level according to EN 12600 (Pendulum Body Impact Test). The thickness of glass = 7mm only































^{*} maximum dimensions 3750 × 2040 mm

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

Physical properties

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

Compliance with European standards

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

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





Wired "O" 1"

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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



Applications

- furniture
- doors
- · fire-resistant barriers

- partitions
- windows
- etc.

Pattern availability

Si	tandard		lon-standard
Thickness Dimensions* (mm) (length × width in mm)		Thickness (mm)	Maximum dimensions (length × width in mm)
6	3350 × 2040	7	3750 × 2040

^{*} maximum dimensions 3750 × 2040 mm

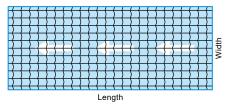
Minimum order

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

Pattern description

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

Wire mesh direction



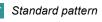
Special information

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

Other wired glass





























OR Pattern on request

Thickness (mm)		Thickness tolerance	Tomporing	Lamination	ICII
Standard	Non-standard	(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	3	0.89	

Compliance with European standards

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

	6mm	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): τv / ρv / ρ'	89/8/8	88/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	80/7/7	79/7/7
Solar Factor: g	83	NPD
Colour Rendering (EN 410): Ra	98	NPD
UV Transmission (EN 410)	57	NPD

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS





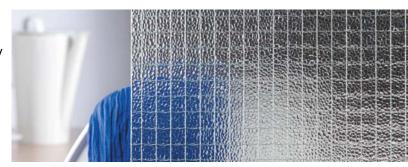
Wired "S"

CLEAR PATTERNED GLASS

AGC

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

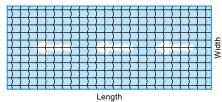
Standard		
Thickness (mm)	Dimensions* (length × width in mm)	
6	2540 × 1850	
7	3350 × 1850	

^{*} maximum dimensions 3750 × 2040 mm

Pattern description

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

Wire mesh direction



Special information

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







Wired







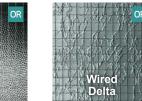
















OR Pattern on request

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

Physical properties

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

Compliance with European standards

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

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

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS



