

Wired Alexandria

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 |

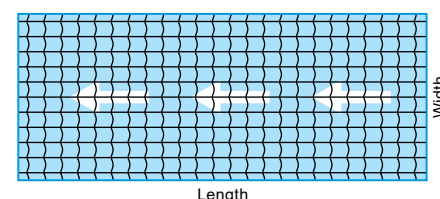
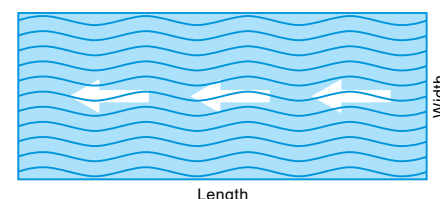
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

| Direction of pattern | 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 |

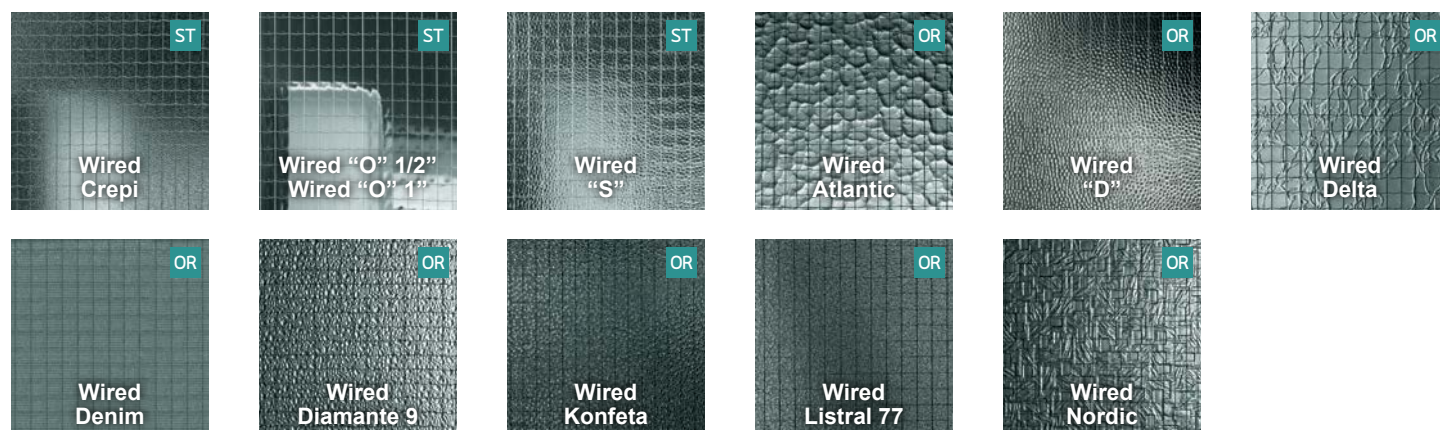
Pattern and wire mesh direction



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



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 |

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

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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Wired Atlantic

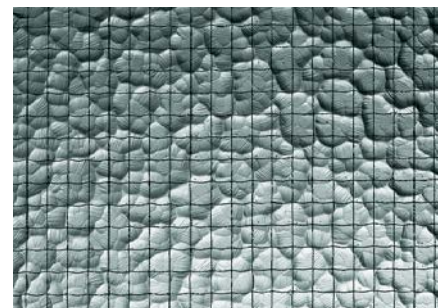
CLEAR PATTERNED GLASS



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 |

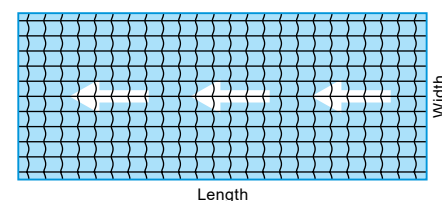
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

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

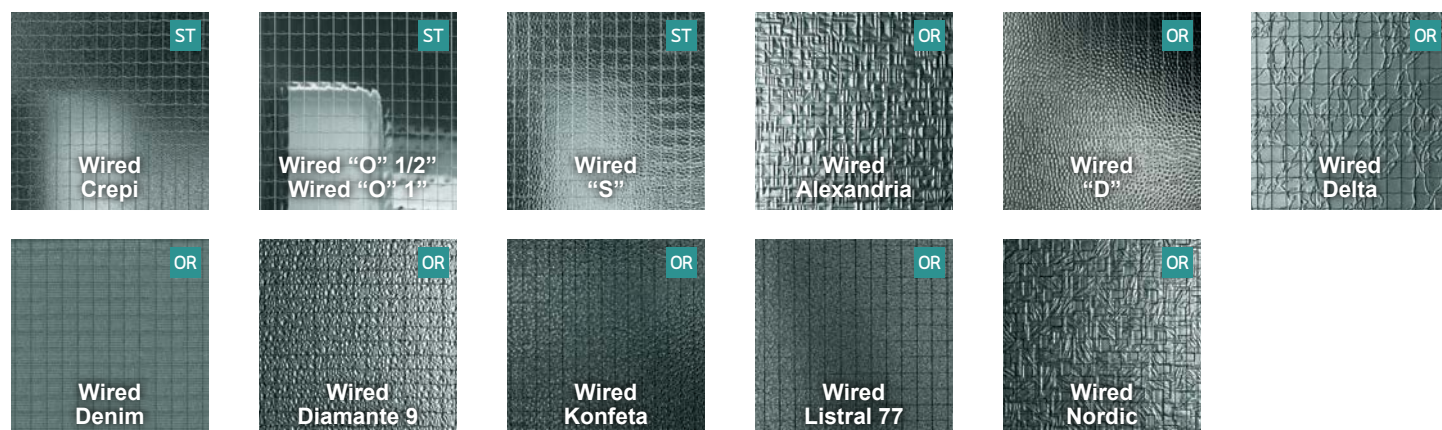
Wire mesh direction



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



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 |

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Wired Crepi

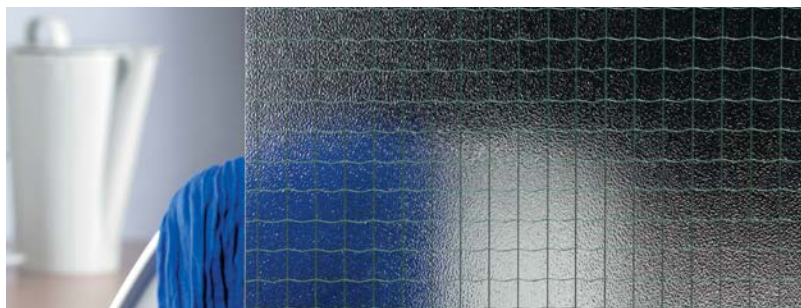
CLEAR PATTERNED GLASS



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

* maximum dimension 3750 × 2040 mm

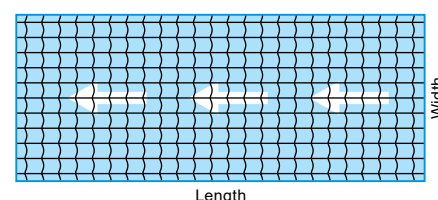
Minimum order

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 |
|----------------------|---------------------------------|--------|--------------------------------|-----------------------------|----------------------------------|
| No | 1/2" × 1/2" | — | — | — | 12 mm / 1 m |

Pattern direction



Special information

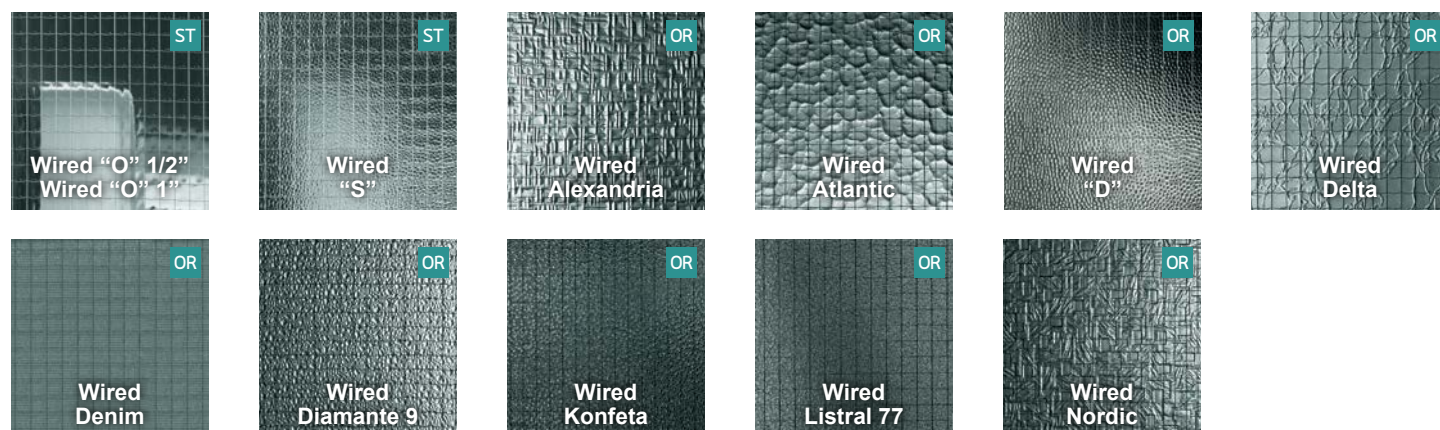
The dimensions of each wire mesh element is 1/2" × 1/2".

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

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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Wired "D"

CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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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 × 2040 |

Minimum order

Pattern on request: 2 full loads (48 tons)

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

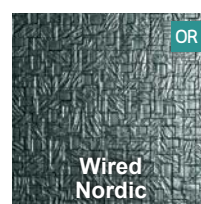
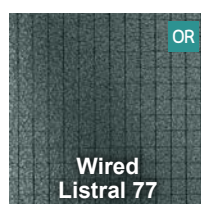
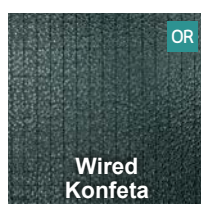
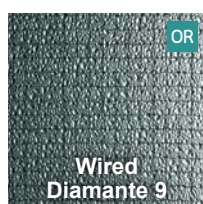
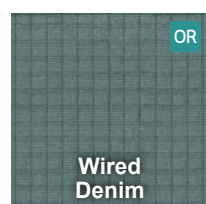
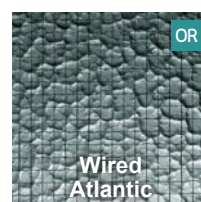
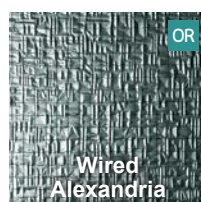
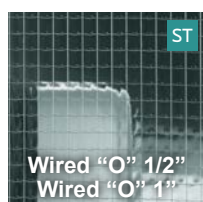
The dimensions of each wire mesh element is 1/2" × 1/2".

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

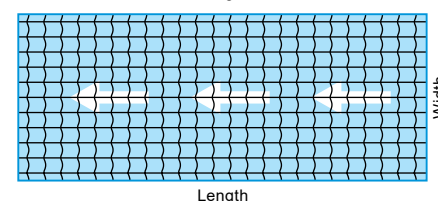
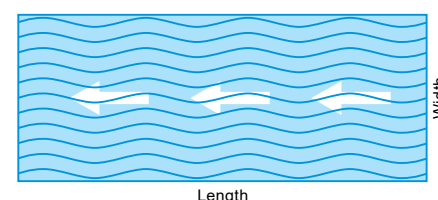
Other wired glass



ST Standard pattern

OR Pattern on request

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) |
| Coefficient of linear expansion (20-300 °C) | α | 9×10^{-6} /K |
| Thermal conductivity | λ | 1 W/(m.K) |
| Emissivity | ε | 0.89 |

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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): $\tau_v / \rho_v / \rho'$ | 89/8/8 | 88/8/8 |
| Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$ | 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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Wired Delta®

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

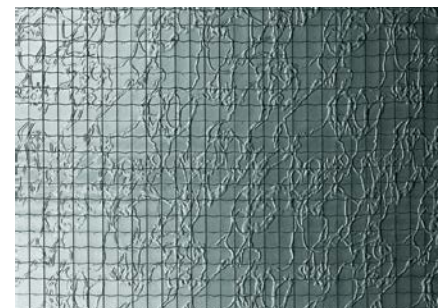
| On request | |
|----------------|---|
| Thickness (mm) | Maximum dimensions (length × width in mm) |
| 6 | 3750 × 1850 |
| 7 | |

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" × 1/2" | — | — | — | 12 mm / 1 m |

Special information

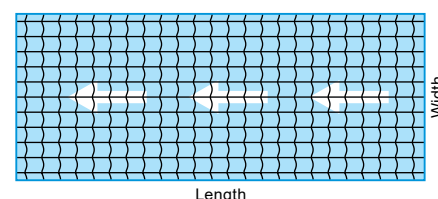
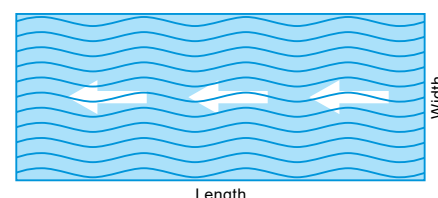
The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.



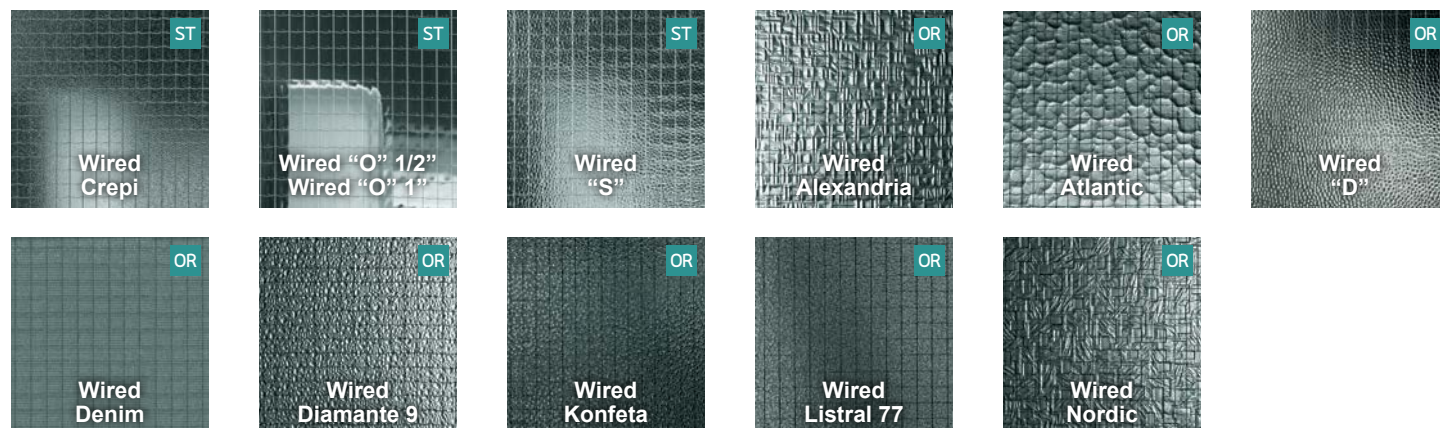
Minimum order

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 |
|----------------|--------------------------------|-----------|------------|-----|
| 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 |

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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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Wired Denim

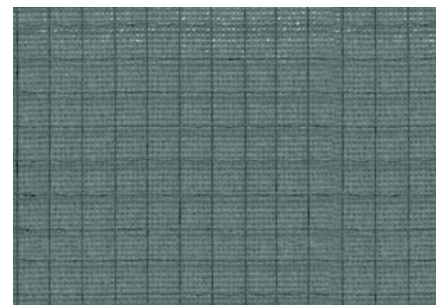
CLEAR PATTERNED GLASS



IMAGIN WIRED

Description

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Applications

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

Pattern availability

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

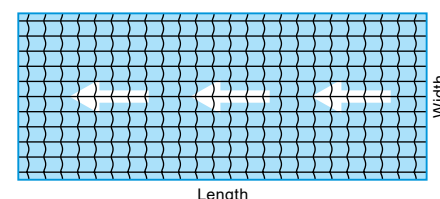
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

| Direction of pattern | Dimensions of wire mesh element | 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 |

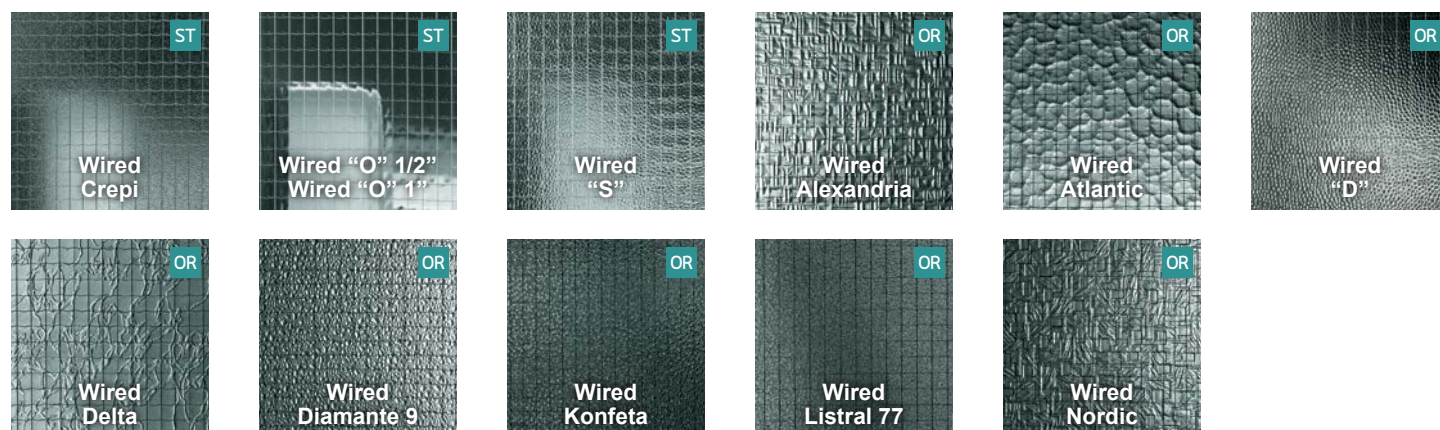
Wire mesh direction



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.

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 |

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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Wired Diamante 9

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 |

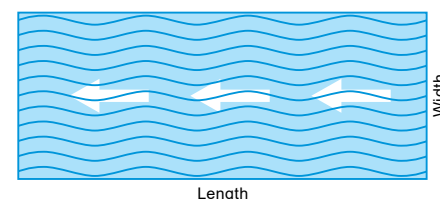
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

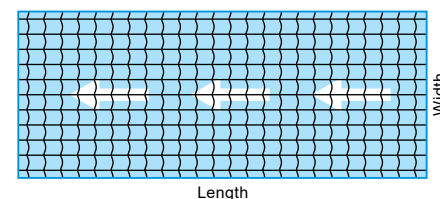
| Direction of pattern | Dimensions of wire mesh element | Relief | Longitudinal pattern deviation | Crosswise pattern deviation | Crosswise deviation of wire mesh |
|----------------------|---------------------------------|--------|--------------------------------|-----------------------------|----------------------------------|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

Pattern and wire mesh direction

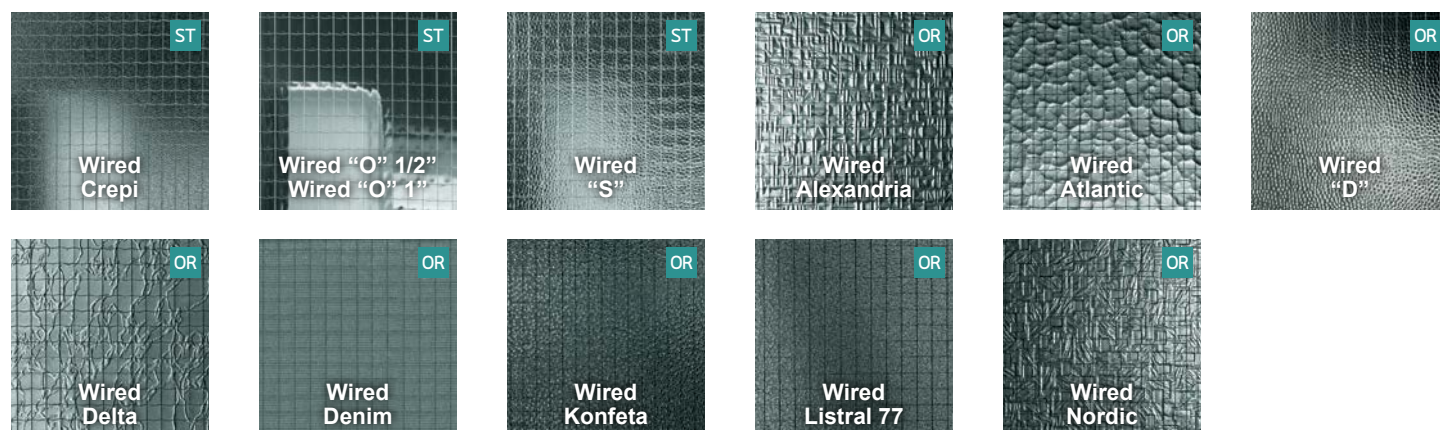


Special information

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



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 |

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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Wired Konfeta

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

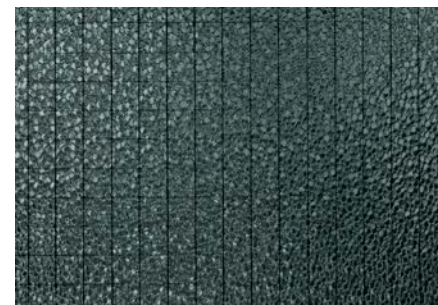
| On request | |
|----------------|---|
| Thickness (mm) | Maximum dimensions (length × width in mm) |
| 6 | 3750 × 2040 |
| 7 | |

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" × 1/2" | — | — | — | 12 mm / 1 m |

Special information

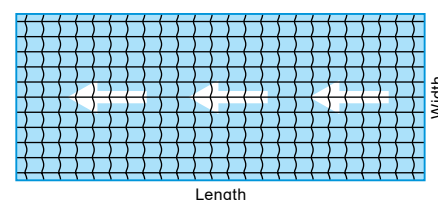
The dimensions of each wire mesh element is 1/2" × 1/2".
Not tested for resistance to fire. In case of need check other wired products.
Also available without a wire mesh as standard patterned glass.



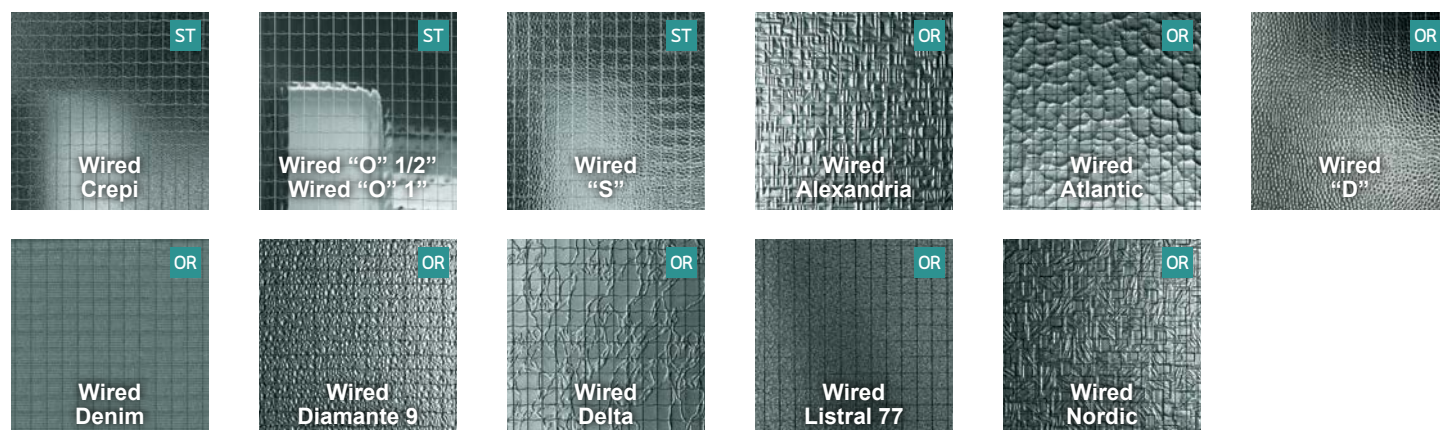
Minimum order

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

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): 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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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 | 3750 × 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" × 1" | — | — | — | 12 mm / 1 m |

Special information

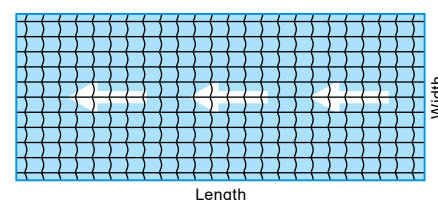
The dimensions of each wire mesh element is 1" × 1".
Not tested for resistance to fire. In case of need check other wired products.
Also available on request without a wire mesh as patterned glass.



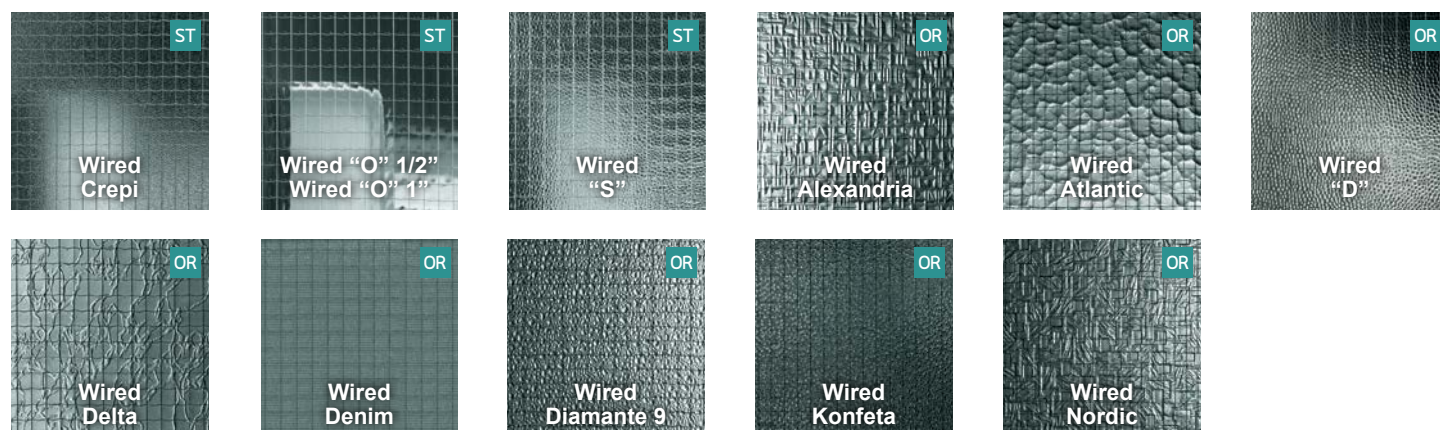
Minimum order

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

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): 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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Wired Nordic

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 |

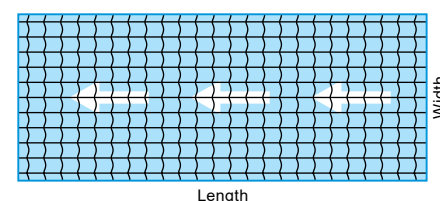
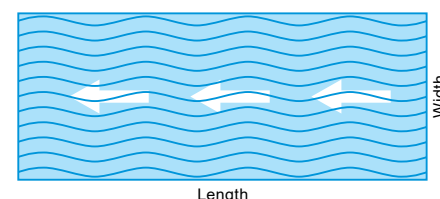
Minimum order

Pattern on request: 2 full loads (48 tons)

Pattern description

| Direction of pattern | 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 |

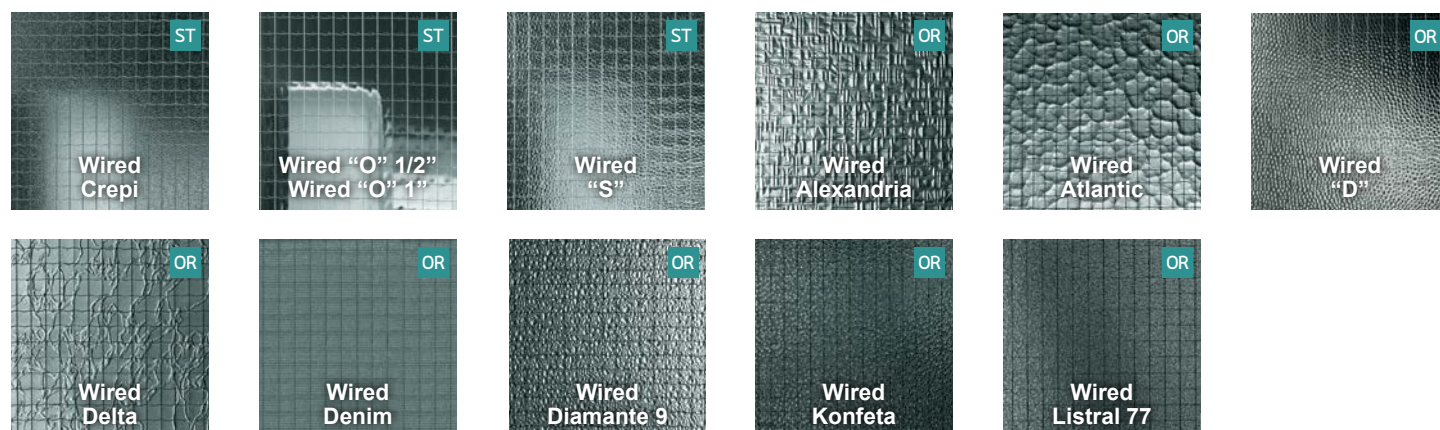
Pattern and wire mesh direction



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



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

* maximum dimensions 3750 × 2040 mm

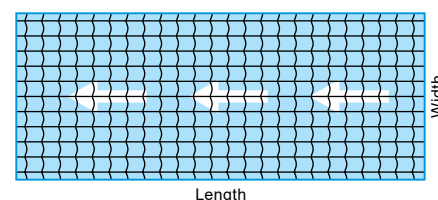
Minimum order

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

Pattern description

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

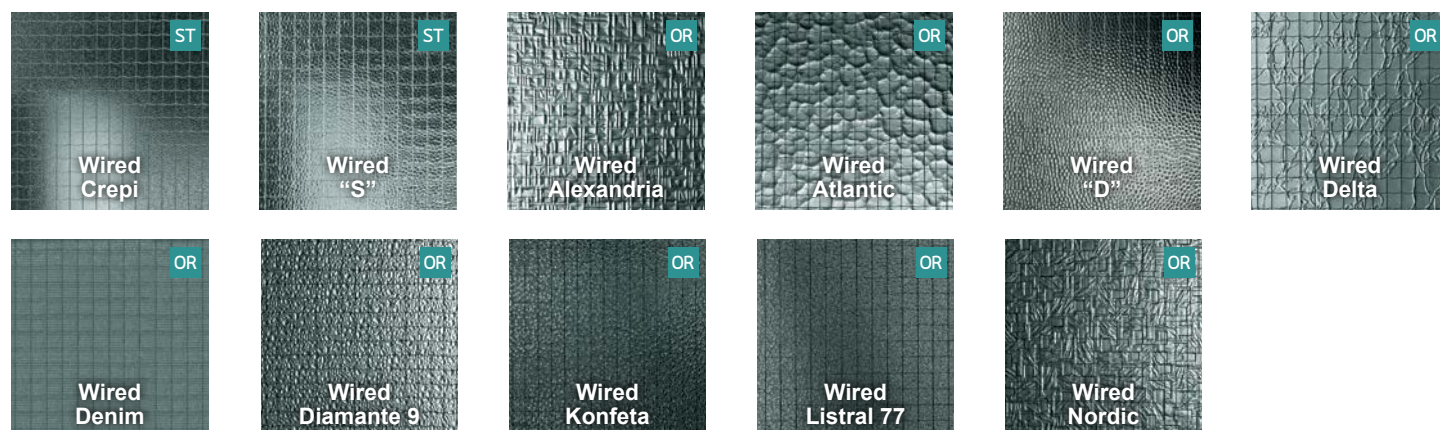
Wire mesh direction



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

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): $\tau_v / \rho_v / \rho'$ | 89/8/8 | 88/8/8 |
| Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$ | 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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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

| 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 dimensions 3750 × 2040 mm

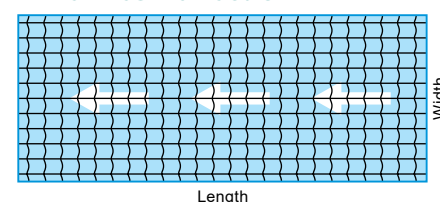
Minimum order

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 |
|----------------------|---------------------------------|--------|--------------------------------|-----------------------------|----------------------------------|
| No | 1" × 1" | — | — | — | 12 mm / 1 m |

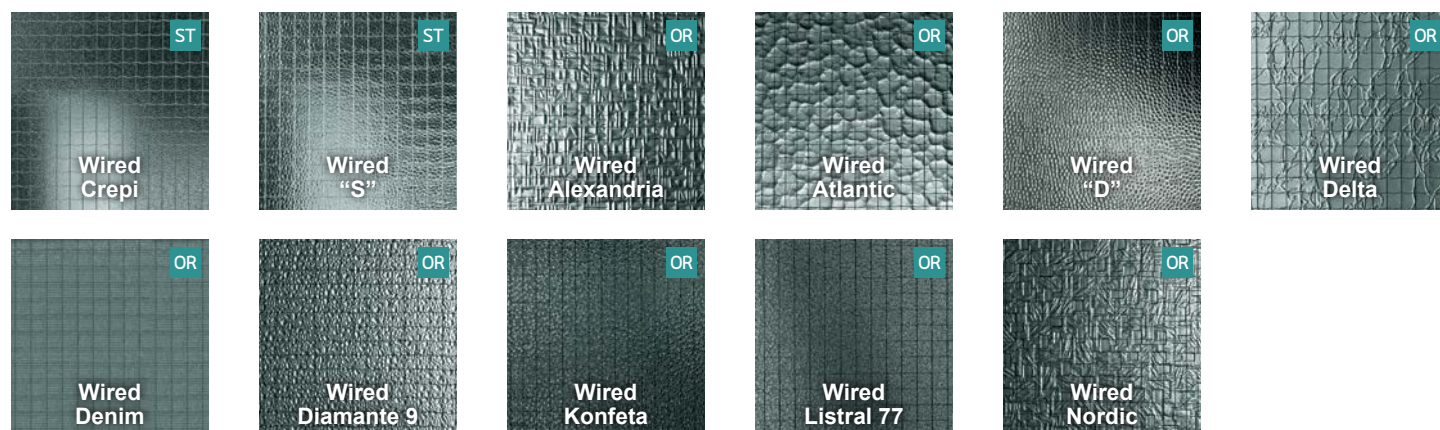
Wire mesh direction



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



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): $\tau_v / \rho_v / \rho'$ | 89/8/8 | 88/8/8 |
| Solar transmission / Reflection (EN 410): $\tau_e / \rho_e / \rho'e$ | 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.

AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and other industrial sectors (transport, solar power and high-tech). It is the European branch of AGC, a world leader in flat glass. It has over 100 sites throughout Europe. More information on www.agc-yourglass.com.

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Wired "S"

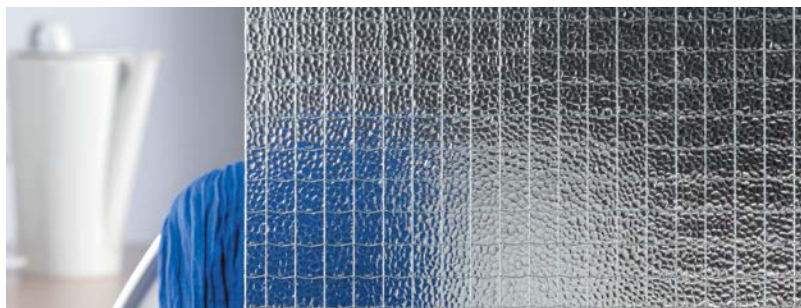
CLEAR PATTERNED GLASS



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

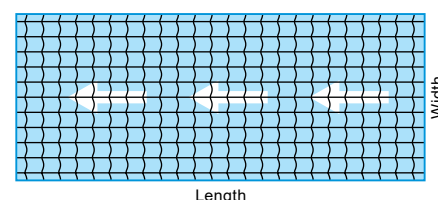
| Standard | |
|----------------|------------------------------------|
| Thickness (mm) | Dimensions* (length × width in mm) |
| 6 | 2540 × 1850 |
| 7 | 3350 × 1850 |

* maximum dimensions 3750 × 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" × 1/2" | — | — | — | 12 mm / 1 m |

Wire mesh direction



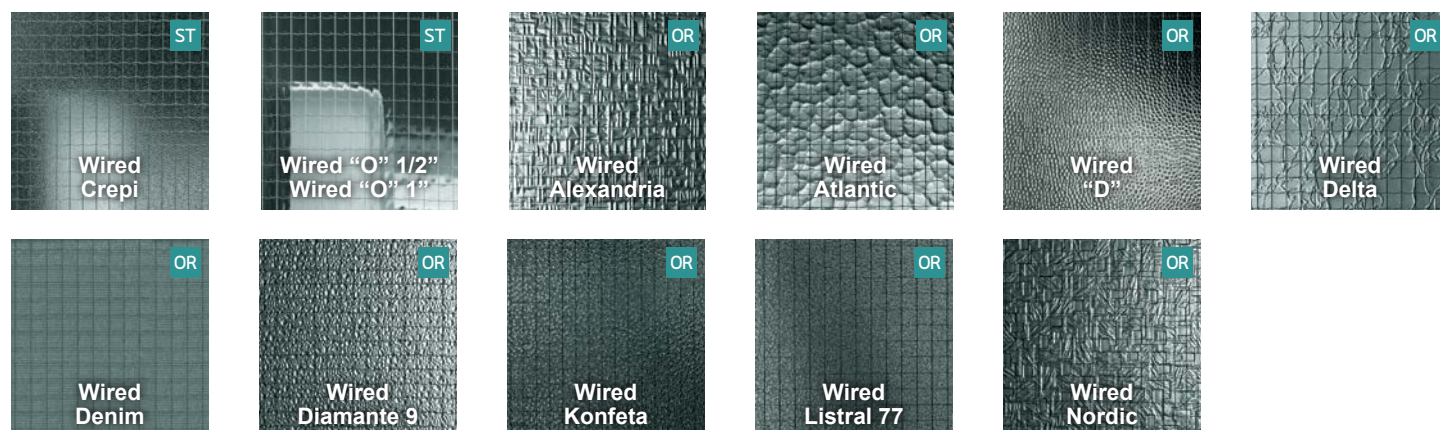
Special information

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



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 | × | × | ✓ |

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| Characteristic | Symbol | Value and unit |
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| | 6 mm | 7 mm |
|--|------------|------------|
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| Burglar resistance (EN 356) | NPD | NPD |
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| Resistance against sudden temperature change and temperature differentials | NPD | NPD |
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