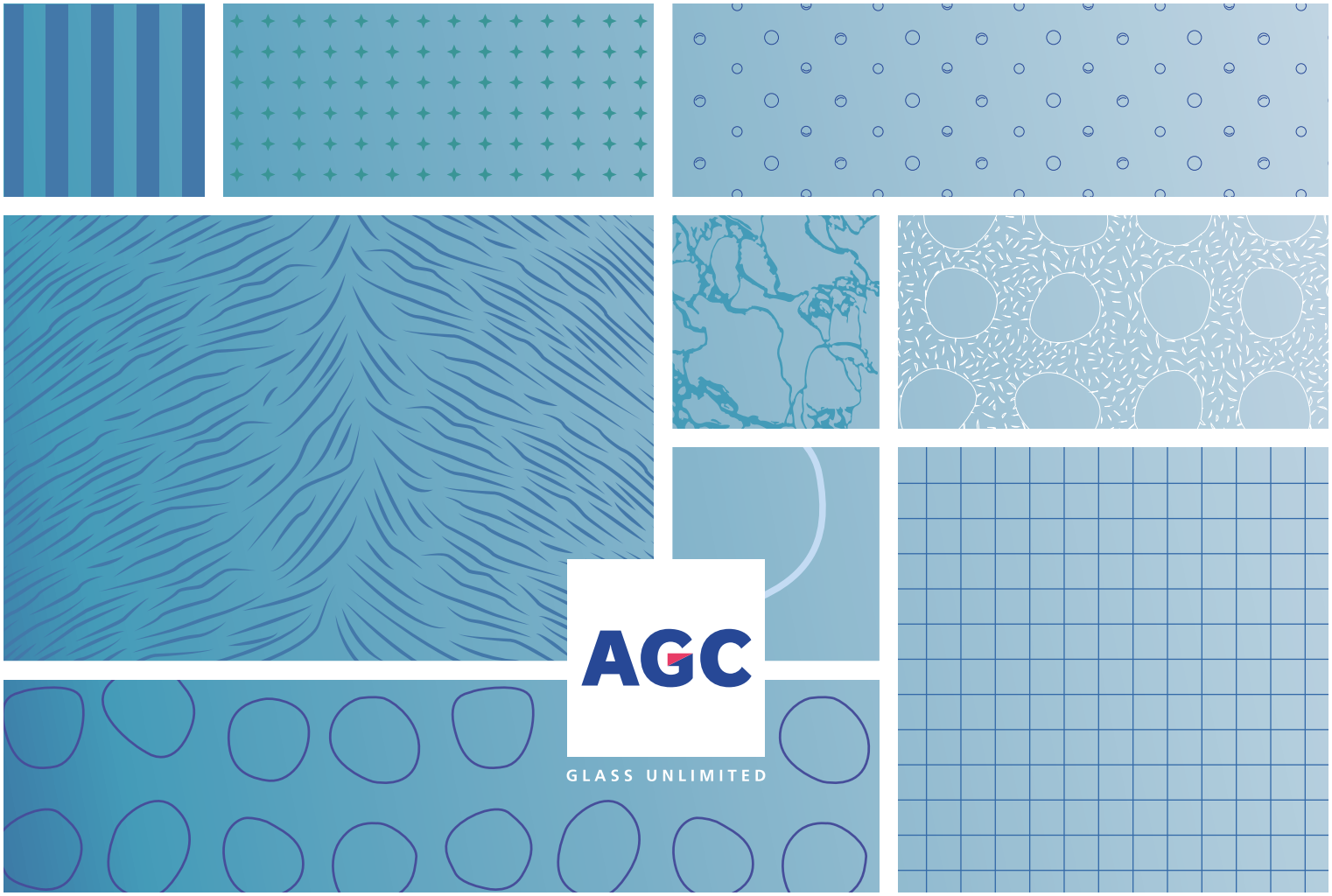
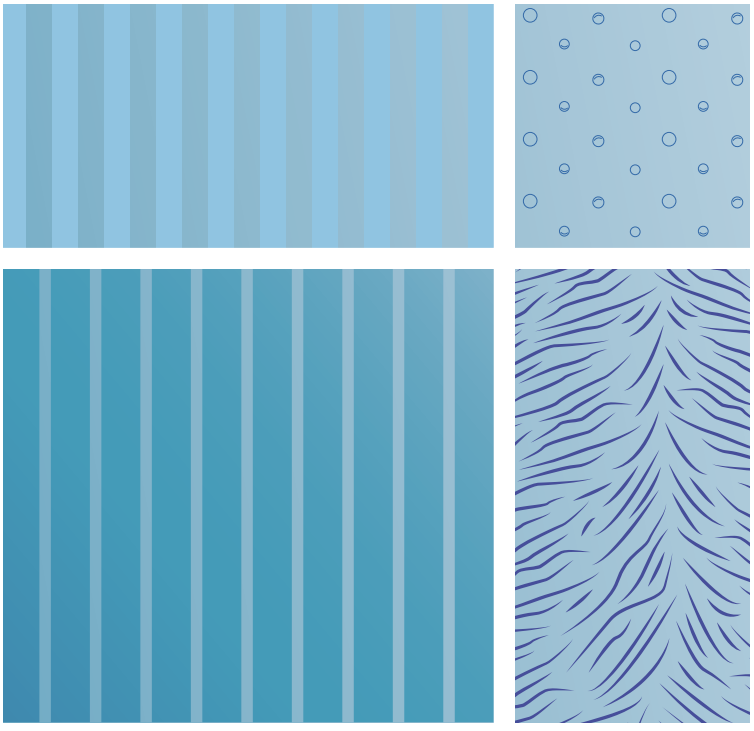
Glass for decoration



FOCUS ON PATTERNED GLASS



IMAGIN & OLTRELUCE

RETRO PATTERNS

CONTENTS

GLASS UNLIMITED

IMAGIN & OLTRELUCE
RETRO PATTERNS

Description:

Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.

Pattern	Pattern availability	Thicknesses (mm)	Maximum width (mm)
Galaxy	OR	4, 5, 6	1850
Listral 77	OR	4, 5, 6	1850
Travertino	OR	4, 5, 6	1850
Tweed	OR	4, 5, 6, 8	1850
Twist	OR	4, 5, 6	1850

OR *Pattern on request*

IMAGIN & OLTRELUCE
CLEAR PATTERNED GLASS

AGC GLASS UNLIMITED

Galaxy

Description:
Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.



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

Pattern availability:

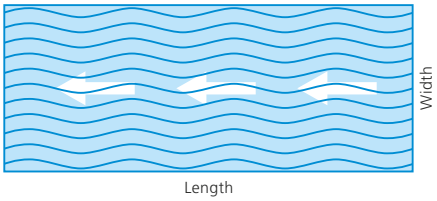
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

Minimum order:
Pattern on request: 2 full loads (48 tons)

Pattern description:

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

Pattern direction:

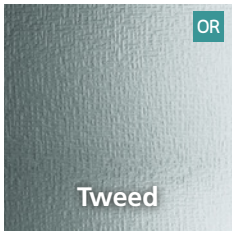


Special information:
None.

Similar patterns:









OR *Pattern on request*

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

	4mm	5mm	6mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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

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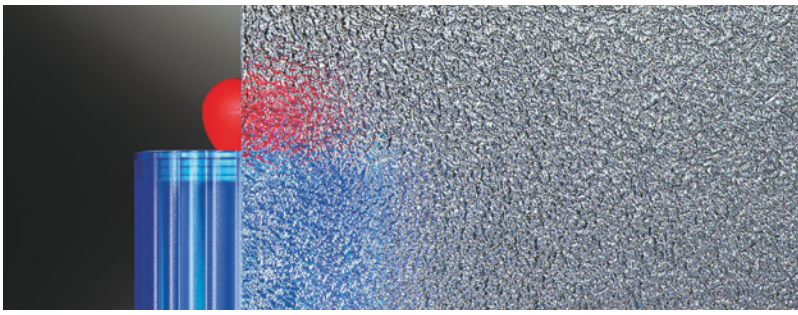
IMAGIN & OLTRELUCE
CLEAR PATTERNED GLASS

AGC GLASS UNLIMITED

Listral 77

Description:
Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.



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

Pattern availability:

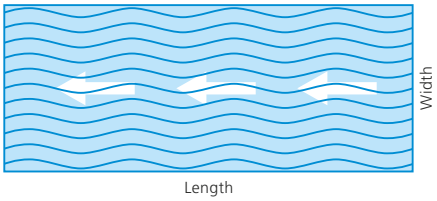
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

Minimum order:
Pattern on request: 2 full loads (48 tons)

Pattern description:

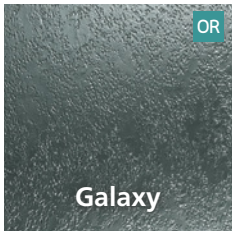
Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction:

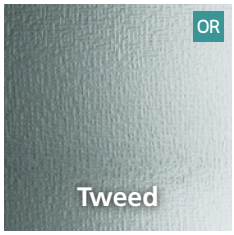


Special information:
Also available on request with an embedded wire mesh.

Similar patterns:









OR *Pattern on request*

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	4mm	5mm	6mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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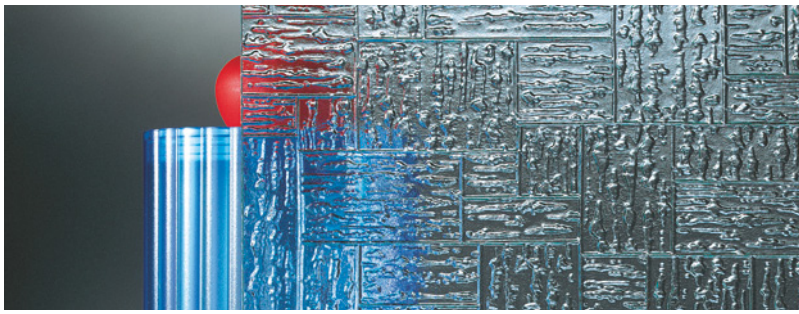
IMAGIN & OLTRELUCE
CLEAR PATTERNED GLASS

GLASS UNLIMITED

Travertino

Description:
Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.



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

Pattern availability:

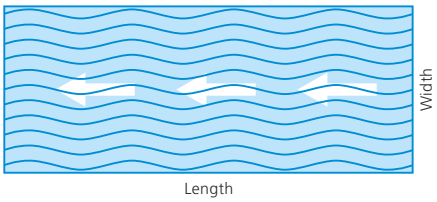
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

Minimum order:
Pattern on request: 2 full loads (48 tons)

Pattern description:

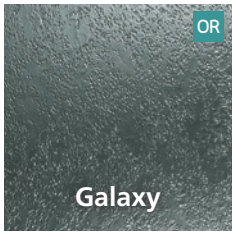
Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction:

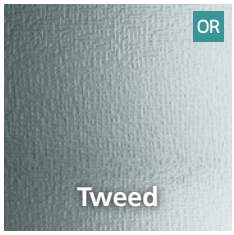


Special information:
None.

Similar patterns:









OR *Pattern on request*

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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

	4mm	5mm	6mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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

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IMAGIN & OLTRELUCE
CLEAR PATTERNED GLASS

AGC GLASS UNLIMITED

Tweed

Description:
Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.



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

Pattern availability:

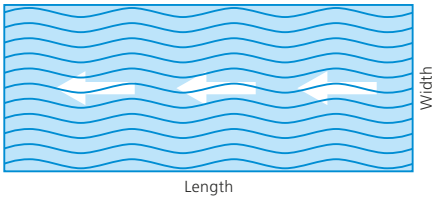
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	
8	

Minimum order:
Pattern on request: 2 full loads (48 tons)

Pattern description:

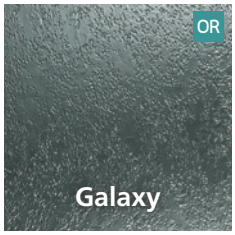
Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction:



Special information:
None.

Similar patterns:









OR *Pattern on request*

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	4mm	5mm	6mm	8mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1	A1
External fire performances	NPD	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)	32 (-1,-2)
U-value (EN 673)	5.8	5.8	5.7	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8	87/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7	77/7/7
Solar Factor: g	86	85	83	81
Colour Rendering (EN 410): Ra	99	99	98	98
UV Transmission (EN 410)	63	60	57	52

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

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IMAGIN & OLTRELUCE
CLEAR PATTERNED GLASS

GLASS UNLIMITED

Twist

Description:
Textures resembling wallpaper designs and twisted textile fibres deliver unique and distinctive structures.



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

Pattern availability:

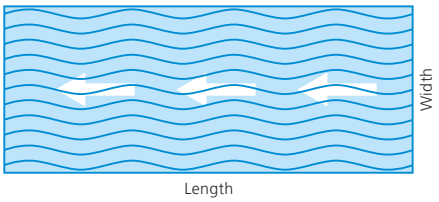
On request	
Thickness (mm)	Maximum dimensions (length × width in mm)
4	3750 × 1850
5	
6	

Minimum order:
Pattern on request: 2 full loads (48 tons)

Pattern description:

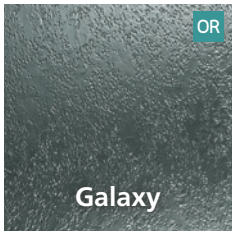
Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
Yes	—	—	—	—

Pattern direction:



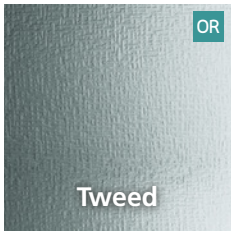
Special information:
None.

Similar patterns:









OR *Pattern on request*

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Processability and thickness tolerance:

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

Physical properties:

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

Compliance with European standards:

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	4mm	5mm	6mm
Resistance to fire (EN 13501-2)	NPD	NPD	NPD
Reaction to fire (EN 13501-1)	A1	A1	A1
External fire performances	NPD	NPD	NPD
Burglar resistance (EN 356)	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD
Direct airborne sound reduction (EN 12758): R_w (C; C_{tr})	30 (-2,-4)	30 (-1,-2)	31 (-2,-3)
U-value (EN 673)	5.8	5.8	5.7
Light transmission / Reflection (EN 410): τv / ρv / ρ'	90/8/8	89/8/8	89/8/8
Solar transmission / Reflection (EN 410): τe / ρe / ρ'e	84/8/8	82/7/7	80/7/7
Solar Factor: g	86	85	83
Colour Rendering (EN 410): Ra	99	99	98
UV Transmission (EN 410)	63	60	57

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