

Matelux

Discover Matelux acid-etched glasses now! A range of clear and coloured satin translucent glasses available in various thicknesses! Ensure your privacy now!



You have printed

Antislip, Arctic White, Clear, Linea Azzurra, Clearvision, Light, Double Sided, Bronze, Green, Dark Grey, Grey, PrivaBlue, Stopsol Supersilver Clear, Stopsol Supersilver Green, Stopsol Supersilver Dark Blue

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The brand Matelux

Acid-etched glasses

Float glass, one side of which has a high-quality acid-etched finish Translucent, neutral satin-finish glass: more transparent than Lacomat or sandblasted glass Acid-etched glasses are easy to maintain and highly resistant to stains Multiple processing options: may be toughened, laminated (with a clear or coloured interlayer), assembled in double glazing,...

Multiple applications: ideal for interior (furniture,...) and exterior (façades and roofs)

Benefits Translucent, neutral satin-finish glass: more transparent than Lacomat or sandblasted glass Easy to maintain, highly resistant to stains Acid-etching is favoured for its fine and homogenous grain High level of light transmission: Matelux offers the same level of light transmission; it can be as high as 90% depending on the thickness of the glass

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Antislip

A special frosted finish gives this glass its antislip properties (classified R10 under German standard DIN 51130).

- Ideal for all floor applications, both indoors and outdoors
- Process patented by AGC Flat Glass Europe

Available as standard on Planibel clear float and Clearvision extra clear float.



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Arctic White

slightly silvered white satin finish (frozen effect)



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Clear

Acid-etched glass - Satin finish on clear Planibel float.



Performances

Clear

Structure	Light properties (EN 410)		Thermal properties (EN 673)			Ug-Value W/(m ² .K)
	LT %	LR %	EA %	SF %	SC %	
10	87	7	20	79	0.91	5.6
12	86	7	22	78	0.9	5.5
4	90	7	9	86	0.99	5.8
5	89	7	11	85	0.98	5.8
6	89	7	14	84	0.97	5.7
8	88	7	17	81	0.93	5.7

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Linea Azzurra

Top quality etching on top quality thick Linea Azzurra float which features a distinctive light blue tint and is known for its easy cutting.

Applications: (table)tops, shelves, steps, floors, draining boards.



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Clearvision

Acid-etched glass - Satin finish on extra clear glass
Clearvision



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Light

Acid-etched glass - Light satin finish on clear Planibel float

Matelux Light is a scratch-resistant glass.

Scratch tests conducted using the Clemens method* reveal that Matelux Light is more scratch resistant than standard glass, making it ideal for applications such as tables, tabletops, shelves, partitions and doors.

* The Clemens method consists of scratching the glass under a defined pressure.



Performances

Light

Structure	Light properties (EN 410)		Thermal properties (EN 673)			Ug-Value W/(m².K)
	LT %	LR %	EA %	SF %	SC %	
4	89	8	9	85	0.98	5.8
5	88	8	11	84	0.97	5.8
6	88	8	13	83	0.95	5.7

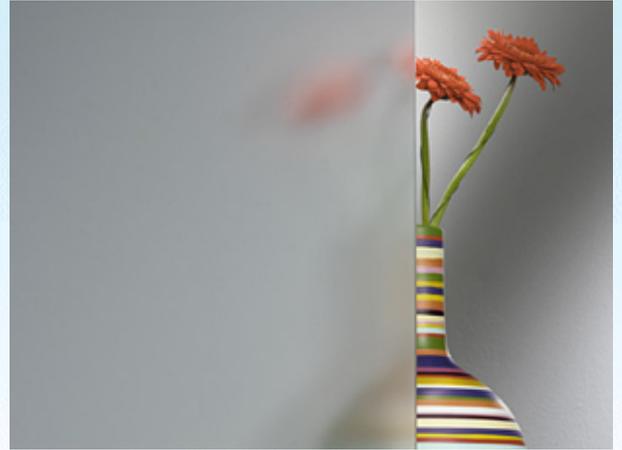
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Double Sided

Planibel clear float glass frosted on both sides

Ideal for doors



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Bronze

Acid-etched glass - Satin finish on bronze Planibel float.



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Green

Acid-etched glass - Satin finish on green Planibel float.



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Dark Grey

Acid-etched glass - Satin finish on Planibel Dark Grey float.



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Grey

Acid-etched glass - Satin finish on grey Planibel float.



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PrivaBlue

Acid-etched glass - Satin finish on PrivaBlue Planibel float.



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Stopsol Supersilver Clear

- Stopsol Supersilver Clear glass, the non-reflective side of which is acid-etched.
- Highly sophisticated satiny metallic look
- Can be used for interior (furniture) and exterior applications (spandrels).
- Spandrel aesthetics: animated glass that changes its aspect depending on weather conditions: when it is raining, the glass becomes wet and its aspect is shiny and reflective. When it is sunny, the glass recovers its satiny metallic look.



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Stopsol Supersilver Green

- Stopsol Supersilver Green glass, the non-reflective side of which is acid-etched.
- Highly sophisticated satiny metallic look
- Can be used for interior (furniture) and exterior applications (spandrels).
- Spandrel aesthetics: animated glass that changes its aspect depending on weather conditions: when it is raining, the glass becomes wet and its aspect is shiny and reflective. When it is sunny, the glass recovers its satiny metallic look.



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Stopsol Supersilver Dark Blue

- Stopsol Supersilver Dark Blue glass, the non-reflective side of which is acid-etched.
- Highly sophisticated satiny metallic look
- Can be used for interior (furniture) and exterior applications (spandrels).
- Spandrel aesthetics: animated glass that changes its aspect depending on weather conditions: when it is raining, the glass becomes wet and its aspect is shiny and reflective. When it is sunny, the glass recovers its satiny metallic look.



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Click on the row of your choice to go straight to the product performances.

Abbreviations:

LT: Light Transmission; LR: Light Reflection; UV: Ultraviolet transmission; EA: Energy Absorption; SF: Solar Factor. Symbols: The | symbol indicates the position of the solar-control coating.

- The | symbol indicates the position of a low-emissivity coating (Planibel Top N+ or Top N+T).
- The ! Symbol indicates the position of a low-emissivity coating (Planibel G)

Tolerances:

The data are calculated using spectral measurements that are conform to standards EN 410 (1998). The tolerance of published data with respect to photometric properties is +/- 3 points. The U-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898. The U-value tolerance is +/- 0.1W/(m².K).

This information is no evaluation of the risk of glass breakage due to thermal stress. See also conditions of use.