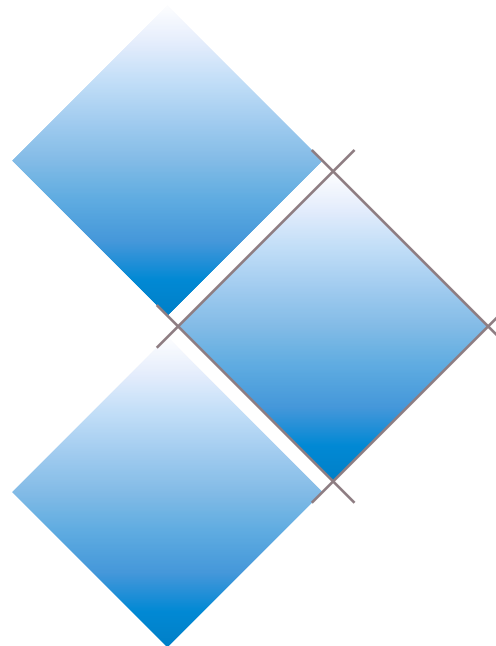


MATELUX®

The satiny translucence of acid-etched matt glass



The current trends on all European markets are towards minimalistic, pure forms and glass with a neutral appearance. Matelux's satiny, translucent look is in harmony with this trend. By softly filtering light through its velvety surface, Matelux softens contours and produces enthralling silhouettes in a very wide range of interior or exterior applications, making it a constant source of inspiration for any designer.

DESCRIPTION

Matelux is a float glass, one side of which has been treated with a high-quality acid to produce a satiny finish. This industrial process is used to treat entire sheets of glass, so as to guarantee consistency and manufacture of a homogeneous product.

APPLICATIONS

The only limit is your imagination! Here are a few examples:

- Interiors: any type of furniture (kitchens, bathrooms, offices, etc.), shelves, partitions, shower screens, doors and fronts, tables, lighting, etc.
- Exteriors: double glazing for façades, glass for balconies, screens, doors, etc.

ADVANTAGES

<p>APPEARANCE</p> <p>The acid-etched technique enables the surface of the glass to be polished gently. This surface treatment guarantees the product's satiny, translucence, which is fine-grained in appearance.</p> <p>EASY MAINTENANCE</p> <p>Unlike, sand-blasted glasses, Matelux is less</p>	<p>susceptible to staining, so no specialized maintenance product is required.</p> <p>EASY IMPLEMENTATION</p> <p>Matelux features all the mechanical and thermal properties of its base float glass.</p> <p>It can be toughened, laminated or assembled into double glazed units. This flexibility</p>	<p>ty means that Matelux can meet a wide range of technical specifications (see below).</p> <p>APPLICATIONS - BOTH INSIDE AND OUT</p> <p>Matelux is a glass that lends itself to uses in bedrooms and living rooms, shops and restaurants, to adorn façades or diffuse light in interior applications such as partitions.</p>
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COLOUR RANGE

Standard	Non-standard (on request, depending on the quantities required)
<ul style="list-style-type: none"> Clear, grey, blue, green or pink float glass can be acid-etched. 	<ul style="list-style-type: none"> Slightly metallic finish (Matelux Silver): application of a silver coating (Mirox New Generation Ecological) Coloured finish: <ul style="list-style-type: none"> - application of a coat of varnish (Lacobel) - assembly in laminated glass (Stratobel Color) with a coloured plastic interlayer (over 600 colours available)

THICKNESSES & DIMENSIONS

	Thicknesses	Dimensions**
Matelux Clear	3,4,5,6,8, 10 et 12 mm	3210 x 2400 mm
Matelux coloured	*	3210 x 2000 mm

* Please consult your local Glaverbel office for available thicknesses of bronze, grey, blue, green and pink float

** Please consult your local Glaverbel office for other sizes

For more information on storage, cutting, shaping, packaging, installation and bonding, see also our brochure entitled "Specifications for Mirrors and Specialty Glasses"

Glaverbel offers a full range of decorative glasses. Further information is available on request.

TECHNICAL SPECIFICATIONS

Feature	Type	Performance	Notes
Safety	laminated	yes	The acid-etched side must face the exterior of the laminated assembly
	toughened	yes	
Cutting	rectangles and circles	yes	Identical performance to float, however, Glaverbel recommends that the acid-etched side face away from the surface of the cutting table
Shaping and finishing of edges	beveling	yes	
	brilliant cut	yes	
	grinding	yes	
	drilling	yes	
	serrations	yes	
Bonding		yes	Identical to base glass (float)
Moisture resistance		yes	When sprayed with water, the matte appearance of Matelux will be less visible. It will be restored once the glass is dry.
Heat resistance		yes	Identical to base glass (float)
UV resistance		yes	May be exposed to the sun and artificial light
Outdoor use		yes	
Specific processing	Bending	yes	Can be bent on both sides
	Silk-screen printing	yes	Printable on both sides
	Application of a silver coating	yes	Silver coating on the non matte surface
	Application of a varnish coat or enamel coat	yes	Coat of varnish or enamel on the non matte surface
	Assembly into double glazing	yes	Preferably use the acid-etched side in position 2 or 3 (pointing towards the inside of the double glazing unit). Positions 1 and 4 (pointing towards the outside of the double glazing unit) are also possible. There is no need to edge-strip the matte coating (this cannot be done anyway).

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