

TRANSLUCENT GLASS WITH  
A SATIN FINISH



GLASS UNLIMITED

MATELUX





BAY WINDOW Private residence in Brazil (architecture Nitsche - photo by Nelson Kon).  
Acid-etched MATELUX Clear laminated safety glass.

# MATELUX®

TRANSLUCENT GLASS WITH A SATIN FINISH  
ALL APPLICATIONS

## ENHANCING SPACE AND LIGHT

Matelux glass from AGC Flat Glass Europe has a satin finish and a neutral, translucent appearance. It filters light softly, smoothes out contours and produces silhouettes in a variety of both interior and exterior applications.

A constant source of inspiration for designers, Matelux mirrors the current trend towards minimalism, simplicity and pure forms.



MATELUX Linea Azzurra, MATELUX Clear and MATELUX Clearvision, three clear satin-finish glasses, tinged blue, green and white, the effect being particularly striking at the edges.



An office table made of 15-mm thick MATELUX Linea Azzurra.

# MATELUX® RANGE

Please consult the Brands section of the [www.YourGlass.com](http://www.YourGlass.com) website to find out the available thicknesses and sizes of glasses in the MATELUX range.



Clear



Light



Double Sided



Clearvision



Linea Azzurra



PrivaBlue



Green



Bronze



Grey



Stopsol Supersilver Clear



Stopsol Supersilver Green



Stopsol Supersilver  
Dark Blue

NEW: Matelux Antislip glass (see opposite)

MATELUX is a clear or tinted float glass with acid-frosted surfaces. This process is carried out industrially on sheets of glass to ensure uniformity and continuity. Ever mindful of the environment, AGC Flat Glass Europe neutralises the chemical products used during the manufacturing process.

### CLEAR GLASSES

Satin finish on 3 types of float glass :

- Etched, **clear float glass** in classic, light and double-sided versions ;
- Etched, **Clearvision extra-clear float glass** with a highly refined clear satin finish ;
- Etched **Linea Azzurra float glass**, with a clearly visible blue tinge on the edge of the glass.

6 products :

- **Matelux Clear**: translucent, clear float glass ;
- **Matelux Light**: clear, slightly translucent float glass ;
- **Matelux Double Sided**: translucent clear float glass frosted on both sides. This technique enhances the frosted effect ;
- **Matelux Clearvision**: extra-clear translucent float glass ;
- **Matelux Linea Azzurra**: frosted **Linea Azzurra float glass**. The special features of this glass are its slightly blue appearance and the ease with which it can be cut. Also available in 15 mm and 19 mm thicknesses for applications requiring thicker glass, such as tables and other furniture.
- **Matelux Antislip**: satin-finish glass that has been specially treated to give it anti-slip properties (performing in the category R10 as per the German standard DIN 5113). An ideal application for floors and stairs.

### COLOURED GLASSES

Four colours available :

- **Matelux Bronze** : etching on bronze float glass ;
- **Matelux Green** : etching on green float glass ;
- **Matelux Grey** : etching on grey float glass ;
- **Matelux PrivaBlue** : etching on dark-blue float glass.

### LAMINATED safety VERSION

A laminated (safety) version of Matelux is also available with one or both sides frosted.



Partition made of MATELUX glass.



BATHROOM Shower screen made of MATELUX PrivaBlue.



DRESSING ROOM Sliding doors in MATELUX Clear and LACOBEL Classic Black (Commonfield Contemporary Doors).

## Specific application of the MATELUX STOPSOL range

Float glass with one side covered in a Stopsol reflective coating and the other with an acid-frosted coating. The reflective coating should always be applied to the base side.

Available in three tints :

- Matelux Stopsol Supersilver Clear ;
- Matelux Stopsol Supersilver Green ;
- Matelux Stopsol Supersilver Dark Blue.

Matelux Stopsol is designed for use in interior (furniture) and exterior (spandrels) applications. When used in spandrels, it offers a number of aesthetic benefits :

Its colour **harmonises perfectly** with the corresponding Stopsol vision glass.

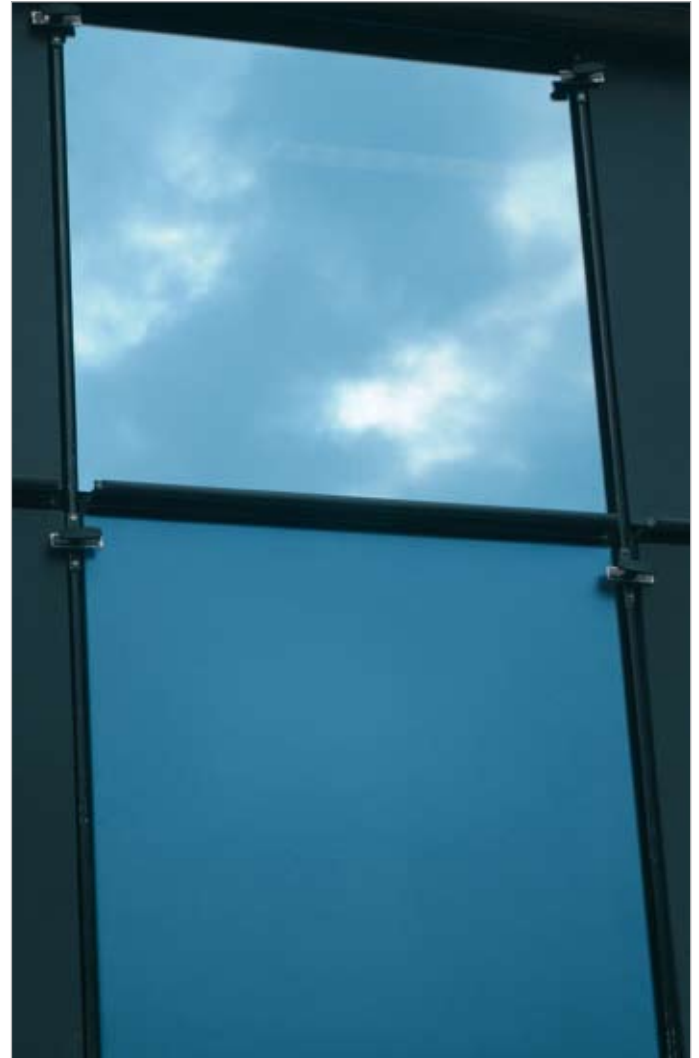
**Contrast** between the appearance of the (neutral or reflecting) vision glass and the satin-finish spandrel.

**"Dynamic" appearance:** in rainy conditions, the wet glass is glossy and reflective; in sunny weather it has a metallic appearance and a satin finish.

Top: Stopsol Supersilver Dark Blue vision glass.

Bottom: Matelux Stopsol Supersilver Dark Blue spandrel.

These glasses match perfectly on the façade of this building.



Matelux Stopsol Supersilver wet.



Matelux Stopsol Supersilver dry.



TABLE Matelux Linea Azzurra (van Dijken).



KITCHEN A glass-fronted kitchen cupboard in MATELUX Clear and splashback made of black LACOBEL (painted glass) provide a sophisticated contrast with a modern feel.

# MATELUX<sup>®</sup>

## ADVANTAGES & APPLICATIONS

### ADVANTAGES

#### ■ Appearance

The acid-frosting technique can be used to gently obscure the surface of the glass. Treating the surface in this way guarantees translucent glass with a satin finish noted for its fine grain.

#### ■ Ease of processing

Matelux has the mechanical and thermal properties of base (float) glass. It can therefore be toughened, laminated, assembled as double glazing, bevel cut and so forth.

#### ■ Ease of maintenance

Highly stain-resistant, Matelux can be cleaned using clear water only without any special detergent.

#### ■ Endless interior and exterior applications

Whether used in the bedroom or living room, in shops or restaurants, to adorn façades or provide privacy in interior partitions, Matelux is the glass of choice in a wide range of applications.

#### ■ High light transmission

Matelux has the same light transmission as float glass, attaining levels of up to 90%, depending on its thickness.

### APPLICATIONS

Being such a versatile product, Matelux can be used in all manner of applications :

- **Interior uses:** shelving, partitions, doors, counters, floor tiles, stair tiles, shower screens, lighting, tables and many other types of furniture (in kitchens, bathrooms, offices and so on).
- **Exterior uses:** double glazing for façades, glazing for balconies, doors and more ...

Additional features :

- **Matelux Linea Azzurra Extra thick (8, 10, 12, 15 mm and 19 mm):** for tables, shelving, basin units, floors and stairs
- **Matelux Stopsol:** designed for use in spandrels as well as interior applications
- **Matelux Double Sided:** doors
- **Matelux Antislip:** floors and stairs

### **MATELAC, painted glasses with a satin finish**

Some of AGC Flat Glass Europe's painted glasses are available in an acid-frosted version (the satin-finish coating is applied to the non-painted side). These glasses make up the **MATELAC range** - a collection of sophisticated glasses which create a velvety effect and are highly prized by furniture and interior design professionals.

# TECHNICAL CHARACTERISTICS

PROCESSING OPTIONS			COMMENTS
Safety	Toughening	yes	
	Lamination	yes	The acid-treated side must face the exterior of the laminated assembly.
Cutting	Straight lines or circular	yes	Matelux can be cut and shaped in the same way as float glass. However, we recommend that the acid-treated side be positioned on the opposite side to the cutting table.
Shaping and edge finishing	Edge grinding	yes	
	Grinding	yes	
	Drilling	yes	
	Cut-outs	yes	
	Brilliant cut	yes	
Special processing options	Bending	yes	Matelux can be bent on both the acid-etched and float-glass side.
	Silk-screen printing	yes	Matelux can be silk-screen printed on both sides.
	Applying a silvering layer	yes	The silvering layer should be applied to the non-acid-etched side.
	Applying a layer of paint or enamel	yes	The layer of paint or enamel should be applied to the non-acid-etched side. Matelac = Brand of Glaverbel glass which is acid-frosted on one side and painted on the other.
	Assembly in double glazing	yes	For ease of maintenance, the acid-etched side should face the interior of the double-glazing assembly. However, silicon should not be used for the double-glazing joint when the acid-etched side is in position 2 or 3.
Exterior use		yes	

OTHER FEATURES			COMMENTS
Moisture resistant		yes	When the acid-etched side of Matelux is exposed to water, the etching becomes less visible. It will revert to its standard appearance after drying.
Resistant to UV radiation		yes	Matelux may be exposed to sunlight and artificial light.
Heat resistant		yes	Identical to base (float) glass.
Bend resistant		yes	
Bonding/Fitting		yes	
Maintenance		yes	Easy

Detailed information available on [www.YourGlass.com](http://www.YourGlass.com).

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