

A modern interior space featuring glass partitions with a satin finish. The glass is dark and reflective, set in a light-colored frame. The background shows a bright, minimalist room with white walls and a polished floor. A framed abstract painting is visible on the wall, and a small table is partially seen on the right.

MATELUX

Satin-finish glass for decoration

AGC

Your Dreams, Our Challenge

AGC Glass Europe introduces...



... translucent glass with a unique satin finish



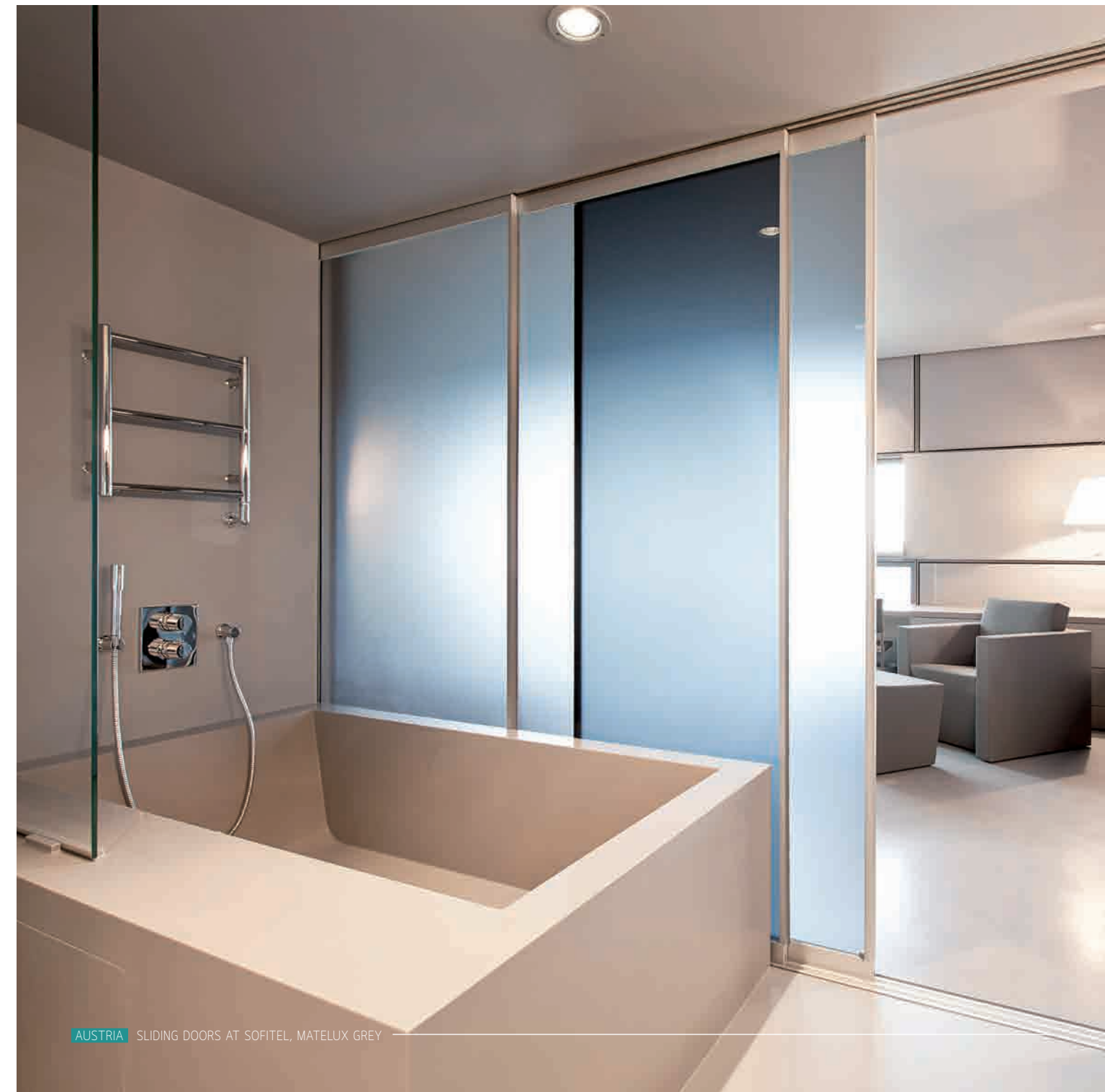
MATELUX

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Enhancing space and light

— MATELUX —

With its high-quality satin finish, Matelux strikes a delicate balance between offering privacy and letting in light. AGC's unique industrial acid-etching process on large sheets is subject to rigorous quality controls, ensuring uniformity and continuity. Architects and designers appreciate the homogeneous grain and finish of Matelux and the large choice of colours and special options available in the range: 3 clear and 3 coloured versions, light acid-etched surface, double-sided acid-etched surface and anti-slip finishes or a specially coated version. Matelux can be processed like regular float glass and its striking, smooth appearance makes it the ideal material for adding visual impact to both interior and exterior spaces.



AUSTRIA SLIDING DOORS AT SOFITEL, MATELUX GREY

Striking, smooth appearance - a must in today's architecture

— MATELUX —

What's so special about it? | What does this mean for you?

- | | |
|---|---|
| Acid-etched glass with a homogeneous grain and finish | – Smooth and soft grain transmits diffused light for special aesthetic effects
– High level of light transmission (as high as 90% depending on the thickness and colour of the glass), while providing certain degree of privacy
– Unique touch and feel for table tops and kitchen work surfaces |
| Industrial acid-etching process with rigorous quality control | – Uniform appearance in a wide range of dimensions due to systematic online quality control |
| High resistance to stains and fingerprints | – Easy to clean and maintain. AGC provides a detailed Cleaning Guide to help processors and installers clean and maintain Matelux glass. See www.agc-yourglass.com |
| Wide range of colours and finishes | – Unlimited design possibilities for interior and exterior applications |
| Large choice of processing options | – Numerous applications and design possibilities (toughening, lamination, IGU, etc.). AGC provides a detailed Processing Guide to help processors correctly process Matelux. See www.agc-yourglass.com |
| Available in small and large glass sheets from 200 to 600 cm x 321 cm | – Can be used in all sorts of architectural projects |

HUNGARY TABLE TOP BY ALU-STYLE KFT., MATELUX CLEARVISION

MATELUX products are Cradle to Cradle Certified® Bronze.

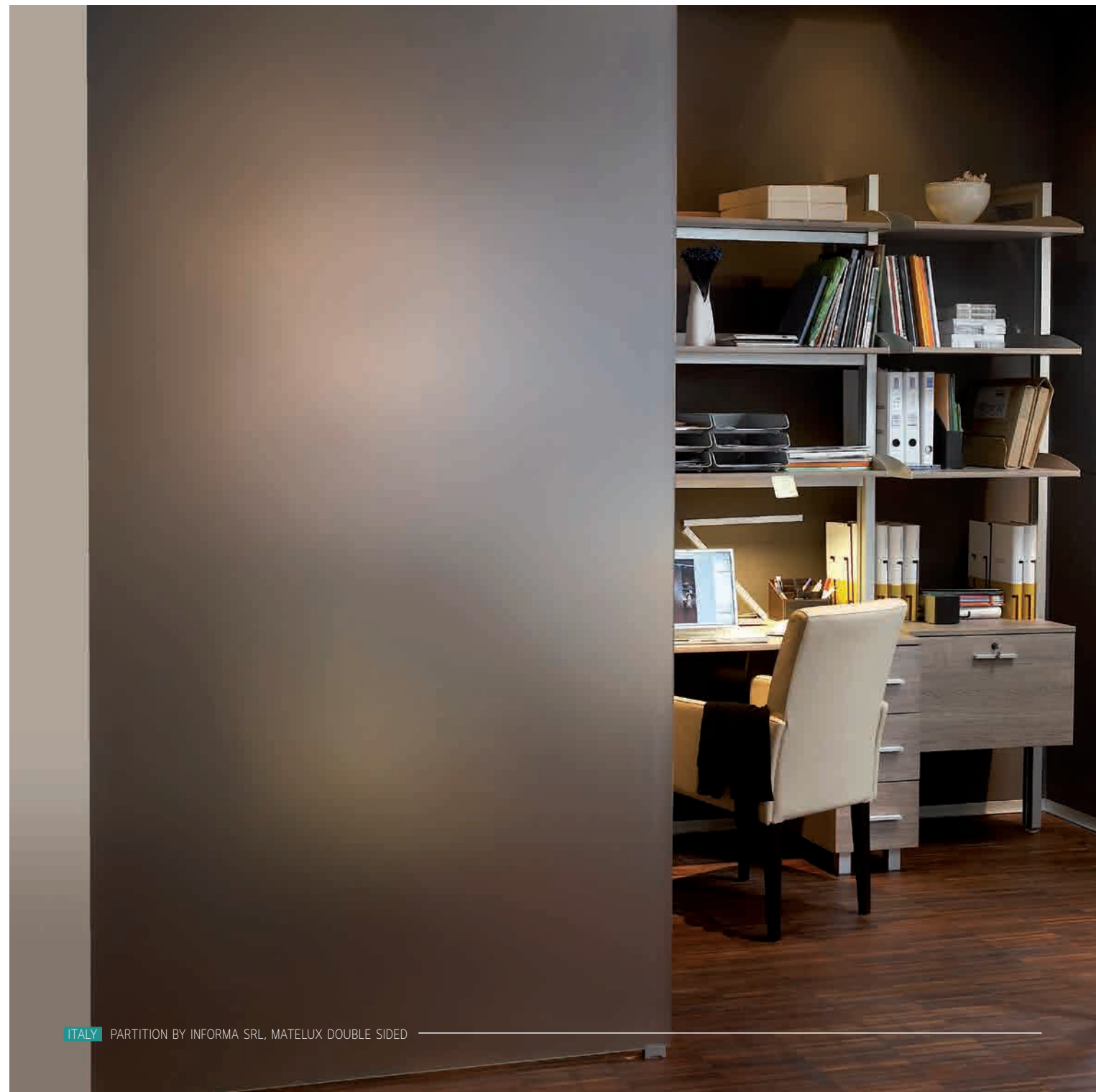


Add some privacy to your living and working spaces

— MATELUX —

What can you use it for? | Be inspired...

- Furniture** – Shower cubicles, tables, desks, shelves, stairs, floor tiles, etc.
- Outdoor furniture** – Table tops
- Partition walls** – Interior and exterior
- Doors** – Interior and exterior: hinged doors and sliding doors
- Stairs and floor tiles** – Matelux Anti-slip is certified glass suitable for stairs and floor tiles
- Retail shops** – Display units, countertops, shelves, etc.
- Insulating glazing units** – IGUs for commercial facades and homes, doors, balconies, shopfronts, spandrels (see Matelux Stopsol Supersilver). For more information, see Processing Guide on www.agc-yourglass.com



Explore our extensive range of Matelux products

MATELUX

Choose from different colours and special options

CLEAR OPTIONS



Clear
Normal float base

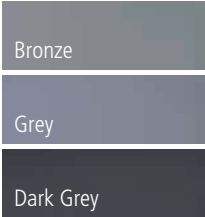


Clearvision
Highly transparent float base for pure aesthetics



Linea Azzurra
Slightly blue tinted float base

COLOURED OPTIONS*



*Other colour options available on request

THICKNESSES: 3, 4, 5, 6, 8, 10, 12, 15 and 19 mm

Special options... | ...and their benefits

- Matelux Light** – Clear, slightly acid-etched translucent float glass with soft touch feeling.
- Matelux Double Sided** – Translucent clear float glass acid-etched on both sides. This technique enhances the satin effect and is suited for door applications.
- Matelux Anti-slip** – Satin-finish glass that has been specially treated to offer anti-slip properties (rated R10 under German standard DIN 51130). Ideal for floors and stairs.
- Matelux Stopsol Supersilver Clear** – Float glass which is acid-etched on one side and covered with Stopsol reflective coating on the other side. This special option is designed for use both indoors (furniture) and outdoors (spandrels in particular).

Looking for painted glass with a satin finish? AGC’s unique Matelac range and its toughenable version Matelac T are a perfect solution for furniture and design elements where trendy colours and a satin finish look are required, such as table tops, kitchen work surfaces, sliding doors and more. Learn more about AGC’s extensive range on www.agc-yourglass.com

Technical specifications

MATELUX

What are your processing options?			Pay attention to...
Safety	Heat strengthening and toughening	Yes	Like regular float glass
	Laminating (PVB and EVA)	Yes	The acid-etched side should not be positioned against the PVB or EVA layer (to retain the unique matt appearance of Matelux)
Cutting	Straight or circular	Yes	Like regular float glass
Shaping and edge finishing	Edge grinding	Yes	Like regular float glass
	Grinding	Yes	Like regular float glass
	Drilling	Yes	Like regular float glass
	Notches	Yes	Like regular float glass
Special processing	Painting	Yes	Can be painted on the non-acid-etched side. See AGC’s Matelac and Matelac T ranges on www.agc-yourglass.com
	Silvering	Yes	Can be silvered on non-acid-etched side. See AGC’s Matelac Silver range on www.agc-yourglass.com
	Silkscreen printing and enamelling	Yes	Possible on both sides
	Bending	Yes	Like regular float glass

Other features	Your benefits
Moisture resistance	When the etched side of Matelux is exposed to water, the satin finish becomes less visible. It recovers its uniform appearance once dry.
Heat resistance	Like regular float glass
UV resistance	May be exposed to sun and artificial light
Bonding/mounting	Easy and safe to install
Reaction to fire	A1
Bending resistance	Matelux offers the same bending resistance as Planibel float glass (tested against standard EN 1288-3)

AGC provides technical support for all glass processors and installers via our Technical Advisory Service (TAS). Please make sure to carefully read the Matelux Processing Guide and Installation Guide, both of which are available on www.agc-yourglass.com.



AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

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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