

Glass for decoration



FOCUS ON
SATIN-FINISH
GLASS

MATELUX

AGC Glass Europe introduces...



... translucent glass with a unique satin finish



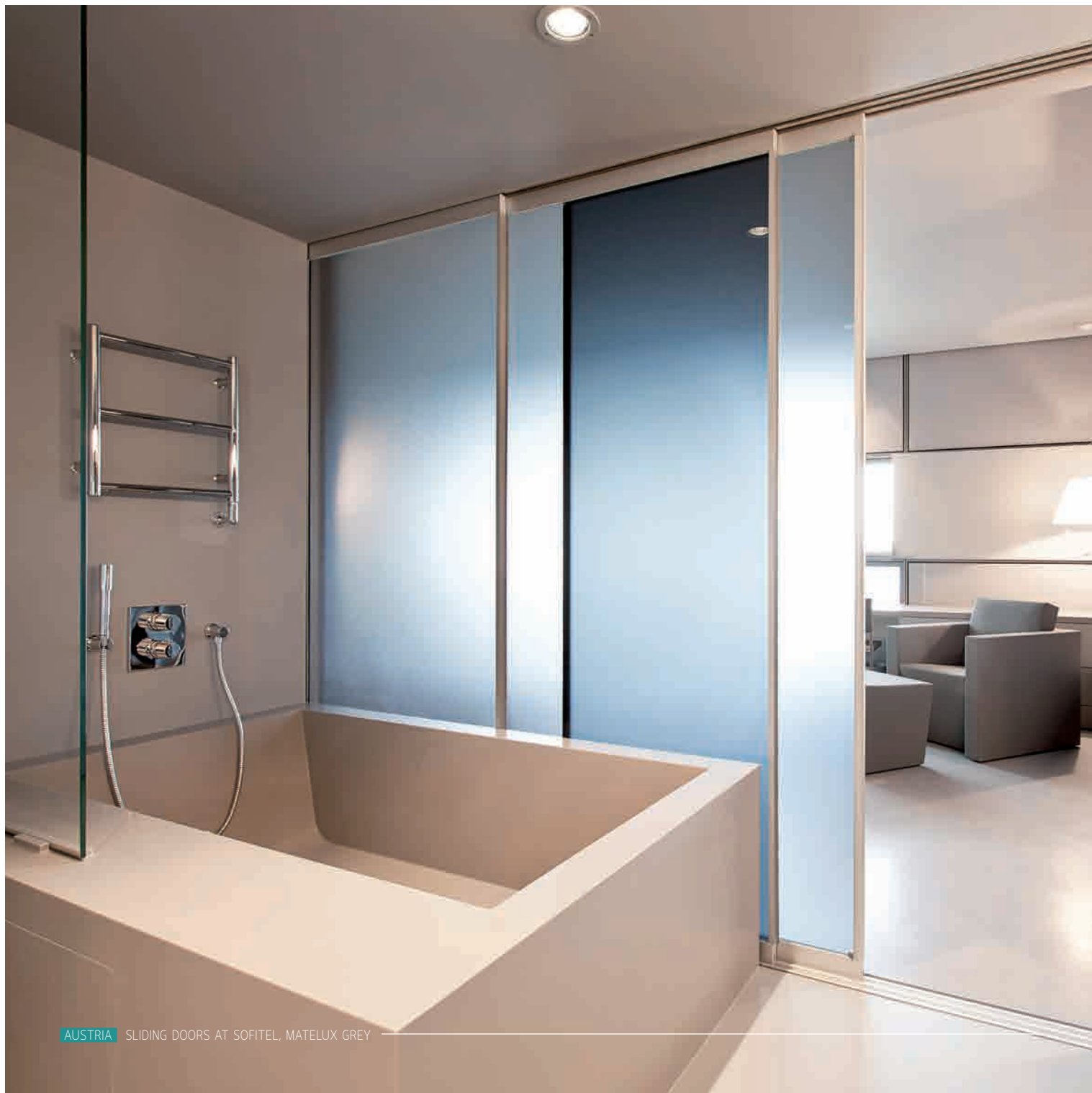
MATELUX

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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, 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



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

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 | <ul style="list-style-type: none">– 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 | <ul style="list-style-type: none">– Uniform appearance in a wide range of dimensions due to systematic online quality control |
| High resistance to stains and fingerprints | <ul style="list-style-type: none">– Easy to clean and maintain. AGC provides a detailed Cleaning Guide to help processors and installers clean and maintain Matelux glass. See www.yourglass.com/Matelux |
| Wide range of colours and finishes | <ul style="list-style-type: none">– Unlimited design possibilities for interior and exterior applications |
| Large choice of processing options | <ul style="list-style-type: none">– Numerous applications and design possibilities (toughening, lamination, IGU, etc.). AGC provides a detailed Processing Guide to help processors correctly process Matelux. See www.yourglass.com/Matelux |
| Available in small and large glass sheets from 200 to 600 cm x 321 cm | <ul style="list-style-type: none">– Can be used in all sorts of architectural projects |

Matelux products are Cradle to Cradle Certified™ Silver.



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.yourglass.com/Matelux





Explore our extensive range of Matelux products



Choose from different colours and special options

CLEAR OPTIONS



Clear
Normal float base

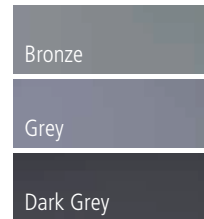


Clearvision
Highly transparent float base for pure aesthetics



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 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.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.yourglass.com |
| | Silvering | Yes | Can be silvered on non-acid-etched side. See AGC's Matelac Silver range on www.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.yourglass.com.

AUSTRIA

AGC Interpane
T +49 39 205 450 440 - F +49 39 205 450 449
igd@interpane.com

AGC BLUHM & PLATE Glas Vertrieb GmbH
T +49 40 670 88 40 - F +49 40 670 88 430
info@bluhm.de

BELGIUM

AGC Glass Europe
T +32 2 409 30 00 - F +32 2 672 44 62
sales.belux@eu.agc.com

BULGARIA / MACEDONIA

AGC Flat Glass Bulgaria
T +359 2 8500 255 - F +359 2 8500 256
bulgaria@eu.agc.com

CROATIA / SLOVENIA / BOSNIA & HERZEGOVINA

AGC Flat Glass Adriatic
T +385 1 6117 942 - F +385 1 6117 943
adriatic@eu.agc.com

CZECH REPUBLIC / SLOVAKIA

AGC Flat Glass Czech
T +420 417 50 11 11 - F +420 417 502 121
czech@eu.agc.com

ESTONIA

AGC Flat Glass Baltic
T +372 66 799 15 - F +372 66 799 16
estonia@eu.agc.com

FINLAND

AGC Flat Glass Suomi
T +358 9 43 66 310 - F +358 9 43 66 3111
sales.suomi@eu.agc.com

FRANCE

AGC Glass France
T +33 1 57 58 31 11 - F +33 1 57 58 30 74
sales.france@eu.agc.com

GERMANY

AGC Interpane
T +49 39 205 450 440 - F +49 39 205 450 449
igd@interpane.com

AGC BLUHM & PLATE Glas Vertrieb GmbH
T +49 40 670 88 40 - F +49 40 670 88 430
info@bluhm.de

GREECE / MALTA / ALBANIA

AGC Flat Glass Hellas
T +30 210 666 9561 - F +30 210 666 9732
sales.hellas@eu.agc.com

HUNGARY

AGC Glass Hungary
T +36 34 309 505 - F +36 34 309 506
hungary@eu.agc.com

ITALY

AGC Flat Glass Italia
T +39 02 626 90 110 - F +39 02 65 70 101
market.italia@eu.agc.com

LATVIA

AGC Flat Glass Baltic
T +371 6 713 93 59 - F +371 6 713 95 49
latvia@eu.agc.com

LITHUANIA

AGC Flat Glass Baltic
T +370 37 451 566 - F +370 37 451 757
lithuania@eu.agc.com

NETHERLANDS

AGC Flat Glass Nederland
T +31 344 67 97 11 - F +31 344 67 97 20
sales.nederland@eu.agc.com

POLAND

AGC Flat Glass Polska
T +48 22 872 02 23 - F +48 22 872 97 60
polska@eu.agc.com

ROMANIA

AGC Flat Glass Romania
T +40 318 05 32 61 - F +40 318 05 32 62
romania@eu.agc.com

RUSSIA

AGC Glass Russia
T +7 495 411 65 65 - F +7 495 411 65 64
sales.russia@eu.agc.com

SERBIA / MONTENEGRO

AGC Flat Glass Jug
T +381 11 30 96 232 - F +381 11 30 96 232
jug@eu.agc.com

SPAIN / PORTUGAL

AGC Flat Glass Ibérica
T +34 93 46 70760 - F +34 93 46 70770
sales.iberica@eu.agc.com

SWEDEN / NORWAY / DENMARK

AGC Flat Glass Svenska
T +46 8 768 40 80 - F +46 8 768 40 81
sales.svenska@eu.agc.com

SWITZERLAND

AGC Interpane
T +49 39 205 450 440 - F +49 39 205 450 449
igd@interpane.com

AGC BLUHM & PLATE Glas Vertrieb GmbH
T +49 40 670 88 40 - F +49 40 670 88 430
info@bluhm.de

UKRAINE

AGC Flat Glass Ukraine
T +380 44 230 60 16 - F +380 44 498 35 03
sales.ukraine@eu.agc.com

UNITED KINGDOM

AGC Flat Glass UK
T +44 1788 53 53 53 - F +44 1788 56 08 53
sales.uk@eu.agc.com

OTHER COUNTRIES

AGC Glass Europe
T +32 2 409 30 00 - F +32 2 672 44 62
sales.headquarters@eu.agc.com

AGC**GLASS UNLIMITED****AGC GLASS EUROPE, A LEADER IN FLAT GLASS**

AGC Glass Europe is the European flat glass branch of AGC, the world's leading glassmaker. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide - See www.yourglass.com for further addresses.