



MATELUX®

Satin-finish acid-etched glass

AGC MATELUX®, with its high-quality acid-etched satin finish, strikes the delicate balance between offering privacy while letting in light. This glass' homogeneous grain and finish provides an attractive, silky smooth surface that is ideal for any design. The large choice of tint options available in the MATELUX range will add visual impact to both interior and exterior spaces.

AGC Glass North America, the world's largest glass manufacturer, is committed to providing the widest range of products with world-class service that is second to none. For easy, convenient, and fast access, MATELUX is available at AGC regional distribution centers.

MATELUX



MATELUX Double-sided



MATELUX Linea Azzurra

Frequent Uses

Inspired Applications – Inside and Out

- | | | | | |
|------------|-------------------|----------|-----------|-----------|
| Partitions | Shower enclosures | Lighting | Balconies | Spandrels |
| Table tops | Shelving | Doors | Skylights | |

What's so special about MATELUX?

What this means for you?

Acid-etched with a smooth and uniform satin finish

- Smooth soft grain transmits diffused light for special aesthetic effects
- High level of light transmission while providing varying degrees of privacy
- Unique soft touch and feel for table tops and work surfaces

Industrial acid-etching process

- Rigorous quality control provides uniform appearance in a wide range of dimensions
- UV resistance prevents discoloration
- Moisture resistance allows usage in humid areas (bathrooms, kitchens, etc.)

Easy to clean

- Resistant to fingerprints and stains making it easy to clean and maintain

Wide range of options

- Unlimited design possibilities using the wide range of colors and finishes
- Fabricates like regular float glass making it a preferred material for endless applications

Environmentally friendly

- Cradle to Cradle Certified™ Silver





Clear
Clear float glass



Clearvision™
Low-iron float glass



Double-sided
Clear float glass acid-etched on both sides



Bronze
Bronze-tinted float glass



Grey
Grey-tinted float glass



Stopsol® Supersilver Clear
Clear float glass acid-etched on one side with Stopsol reflective coating on the other side



Linea Azzurra
Heavy float glass with a subtle blue tint

MATELUX Performance

Glass Thickness		Transmittance % Visible (VLT)	Reflectance %		Solar Energy Transmittance %	Winter U-Value Air	Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG)
Inches	mm		In	Out				
Monolithic – MATELUX Clear								
1/8	3	90	7	8	87	1.05	0.89	1.01
1/4	6	89	7	8	84	1.03	0.86	1.03
3/8	10	88	7	8	79	1.00	0.83	1.06
1/2	12	87	7	8	77	0.99	0.82	1.06
Monolithic – MATELUX CLEARVISION								
1/4	6	91	7	8	89	1.03	0.90	1.01
3/8	10	91	7	8	87	1.00	0.89	1.02
1/2	12	91	7	8	87	0.99	0.88	1.03

Performance values are based on representative production samples and product modeling data using AGC Glass Configurator www.yourglass.com/configurator/gb/en/toolbox/configurator/main.html. Actual values may differ based on variations in the manufacturing process. Environmental conditions based on NFRC 100-2010. Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact AGC Technical Services to ensure the correct form of glass to be supplied.

Standard Thicknesses:

3mm (1/8") 6mm (1/4") 12mm (1/2")
4mm (5/32") 10mm (3/8")

Custom Thicknesses:

5mm (3/16") and 8mm (5/16")

Dimensions:

88-37/64" x 126-3/8"
94-31/64" x 126-3/8"
100-25/64" x 126-3/8"

Availability:

AGC regional distribution centers, strategically located throughout North America, provide easy, convenient, and fast access to the most popular AGC products.

Visit www.agcglass.com for more details on AGC's MATELUX acid-etched glass.

Fabricating Options

Process	Operation	MATELUX
Cutting	Straight	Yes
	Circular	Yes
Shaping & edge finishing	Edge grinding	Yes
	Grinding	Yes
	Drilling	Yes
	Notches	Yes
Fabrication	Bending	Yes
	Laminating (Glass side only)	Yes
	Painting & silvering (Glass side only)	Yes
	Silk screen printing and enamelling	Yes
Insulated Glass Units	Tempering	Yes
	Double-glazed IGU	Yes
	Triple-glazed IGU	Yes

AGC GLASS NORTH AMERICA

AGC Glass is the world's largest manufacturer of glass and glass-related products. The company offers the widest range of flat glass for architectural, interior, and residential applications. AGC Glass North America is part of the AGC Group, which employs more than 50,000 worldwide in approximately 30 countries. As a global company, AGC leverages its many resources to develop innovative new products and to offer world-class service that is second to none. AGC glass products are available through an extensive network of glass fabricators and window manufacturers in the U.S. and Canada. To learn more, visit our website at www.agcglass.com.