

Ecosat Maté

Technical data sheet

Rev. 07.05.2026

Manufacturer: Vitrealspecchi srl

Base product: float glass to EN 572, 1-2; laminated float glass to EN ISO 12543.

Description and performance: the treated side is chemically satin-finished, opaque, very smooth, velvety to the touch. Effective visual obscuration and optimal light diffusion are the key properties. Thanks to its low porosity, it ensures greater resistance to fingerprints and easier cleaning than traditional sand-blasted glass.

Testing:

Light transmittance factor: 5 mm, clear colour: 84,5%*.

Light reflection factor/satinated side: 5 mm, clear colour 7,5%*.

Gloss (60° GU – R60): 4,9**.

Haze: daylight 95,9/artificial light 99,8**.

Sheet size: 2250/2400/2550 x 3210 mm
(usable sizes: 2210/2360/2510 x 3170 mm)

Thickness: monolithic float glass
3/4/5/6/8/10/12/15/19 mm;
laminated float glass 33.1; 44.1; 55.1 mm.

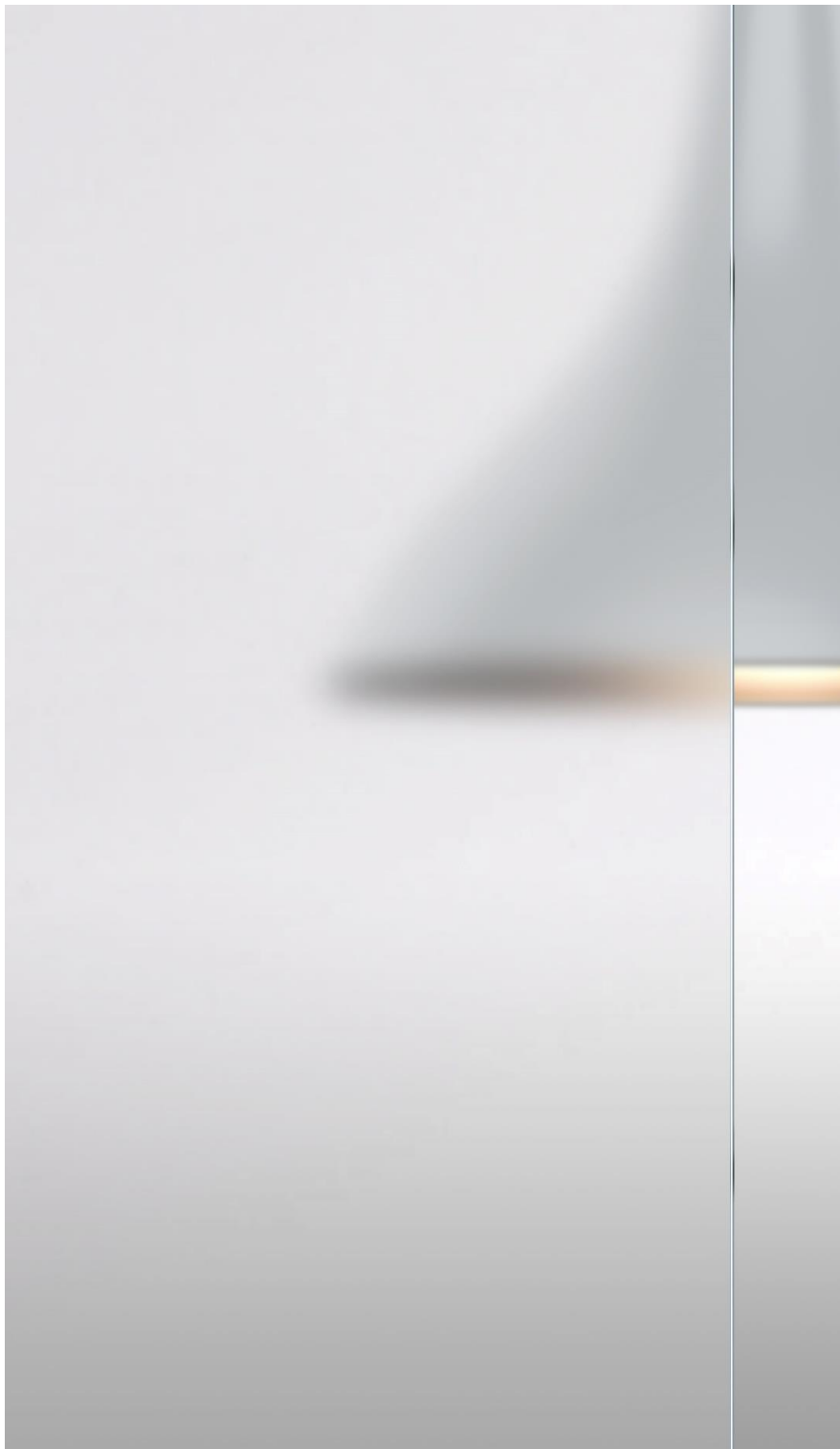
Colours: extra-clear, clear, bronze, grey, green, blue, rose.

Availability of standard colours/thicknesses is subject to change. Please verify when ordering.

Weight: 2.5 kg/m² per millimetre of thickness.

Internal and external applications: façades, windows, parapets, shelters, roofing, doors, partitions, furniture, shower-screens etc.

Compatible processing: all mechanical and thermal processes compatible with the base material: cutting, grinding, bevelling, drilling, laminating, toughening, bending, double glazing, painting, enamelling etc.



Colours and finishings in the photographs may look slightly different from those of the real products: we recommend that customers examine sample glass before choosing products.

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Cleaning: care must be taken when installing the glass not to get putty, resin, sealants, etc., on the treated side. Each of these substances requires a specific solvent for removing traces from glass. For routine maintenance, use water and/or any of the commonly marketed glass detergents. Dry immediately with a clean cloth, preferably micro-fibre.

Storage and handling:

- it is advisable to unpack immediately after reception and store in a dry, well-ventilated place free from sudden changes of temperature to avoid condensation;
- never store outdoors;
- when storing for over 3 months, it's advisable to remove the paper from between the plates;
- in case of storage in unfavourable environmental conditions (high humidity and strong temperature changes), it is advisable to slightly space one plate from another;
- storing for more than 12 months is not advisable;
- to avoid scratching the surface of the glass during handling and storage, plates should always be separated by means of spacers.

Defect acceptance limits: for all defects coming from float glass production: as per UNI EN 572.2 (float glass) and UNI EN ISO 12543 (laminated glass). For all defects coming from the chemical processing:

DEFECT SIZE mm	MAX DEFECT NO./ SHEET
> 0,6 and < 2,0	3
> 2,0 and < 3,0	2
> 3,0 and < 9,0	Upon customer's acceptance only

* Stazione Sperimentale del Vetro/Venezia-Murano: rep. n.142468/03.02.2017

** BYK-Gardner-Germania: survey 24.05.2017



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