

Madras® Nuvola

Technical data sheet

Rev. 10.06.2019

Manufacturer: Vitrealpecchi spa

Base product: monolithic float glass to UNI EN 572 1-2.

Description and performance: one side of the plate is rendered partially opaque by a satin finish (a chemical process) that very subtly graded till it disappears, leaving the rest of the glass transparent. The part of the glass where the finish is most opaque effectively veils vision. The treated surface is smooth to the touch and its extremely low porosity ensures its resistance to fingerprints and scratches, as well as making it very easy to clean.

Positioning of satin-finish zone on plate:

A. Standard solutions – drawings provided on request – enabling cutting and optimization for the most common applications (shower screens, doors, walls, balconies).

B. Personalized solutions.

Light transmission in the most opaque area: 5 mm, extraclear: 90,2%*.

Sheet sizes: 2250/2400 x 3210 mm (usable sizes: 2210/2360 x 3160/3150 mm according to items).

Thicknesses: 5/6/8/10/12 mm.

Colours: clear, extraclear.

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

Weight: 2.5 kg/m² per millimetre of thickness.

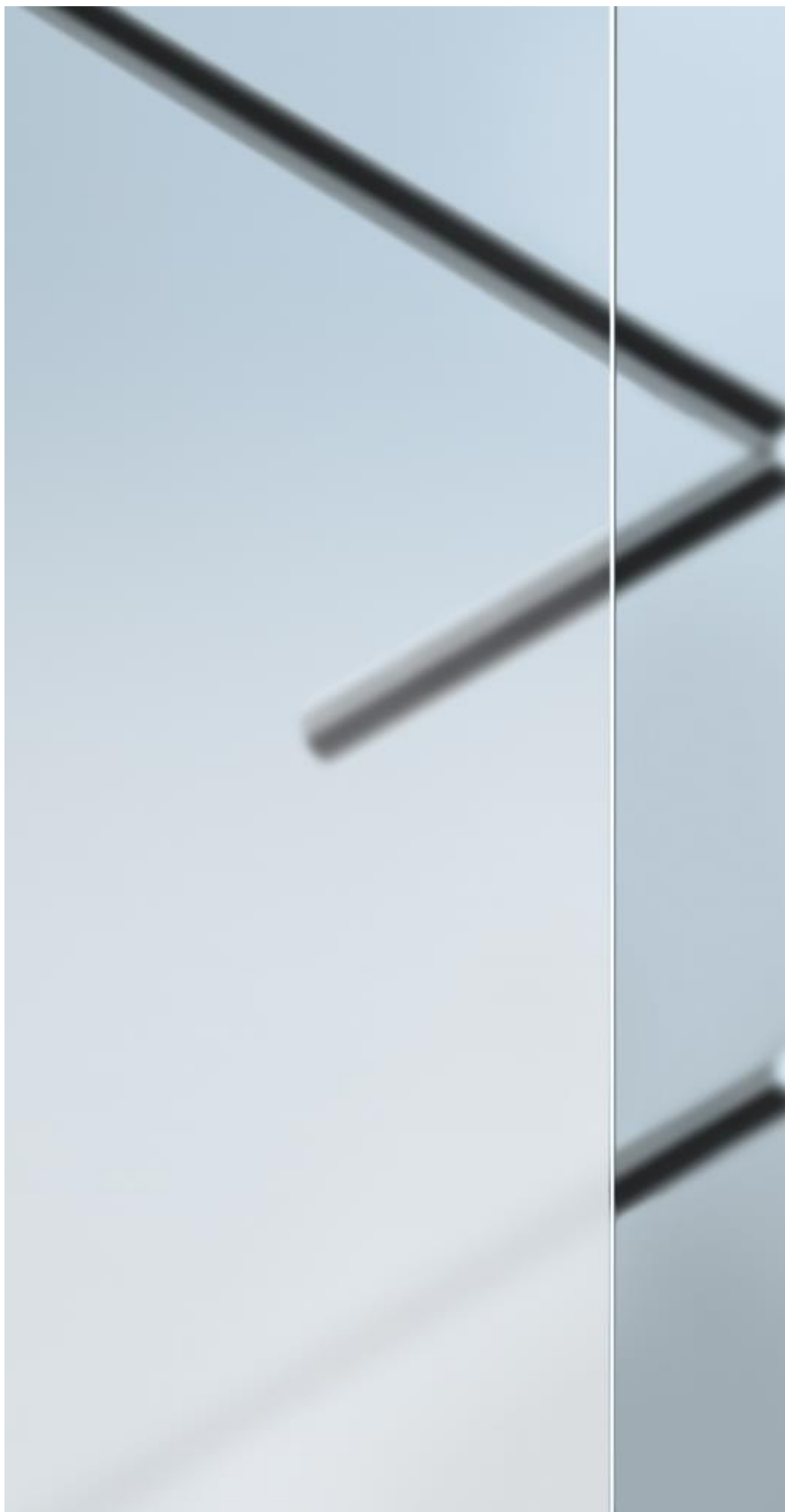
Indoor applications: partition walls, doors (framed and all-glass), sliding doors, furnishings, shower screens (in wet zones we suggest to install the glass with the treated side outwards: the glass will keep its opacity even though the opposite side gets wet and maintenance will be easier).

Outdoor applications: façades, balconies, shelters, shop windows.

Compatible processing: all mechanical and heat processes associated with glass.

We recommend in particular:

- Lamination: the treated side must be on the outside.
- Bending: the plate may be bent from either side; the processed surface, however, may alter depending on the position (on the inside or outside of the bend), the angle of curvature and the degree of "stretch" the glass has undergone.
- Double glazing units: use the same precautions as for normal satin-finished glass.



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Maintenance: care must be taken during installation not to get resins, putty or other sealing agents, etc. on the treated side to remove traces of such products from the glass, specific solvents are required.
Routine maintenance: wipe with a clean micro-fibre cloth and water and/or any of the detergents for glass normally found on the market. Don't use abrasive detergents. Rinse well and dry immediately with a dry micro-fibre cloth.

Storage:

- 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 the 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.

Acceptance limits of the defects coming from the float production and the chemical process: as per UNI EN 572.2, par. 5.3.

In the transparent area the presence of minimal superficial irregularities must be considered integral part of the chemical process.

* Stazione Sperimentale del Vetro,
Venezia/Murano: report no.131467 dated
05/11/2015.

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