

ECOSAT NO-SCRATCH

Technical data sheet - Rev. 31.05.2021



Manufacturer: Vitrealspecchi spa

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

Description and performance: the treated side is slightly roughened and sparkling with high resistance to scratches. The very low porosity of this treated side also ensures high resistance to stains (whether grease or coloured liquids) and fingerprints and is extremely easy to clean.

Sheet sizes: 2250/2400 x 3210 mm (usable sizes: 2210/2360 x 3170 mm).

Thicknesses: 6/8/10/12/15 mm.

Colours: clear, extra-clear.

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

Weight: 2.5 kg/m² per millimetre of thickness.

Testing:

Resistance to scratching certified to UNI 9428:1989: Level 5 (rp CATAS * 184404)

Resistance to surface abrasion certified to UNI EN ISO 10545-7: abrasion class III (rp SL** 1617/2006)

Resistance to stains certified to UNI EN 438-2:2005: no visible effects with the compulsory staining substances (rp CATAS* 118485-2)

Resistance to cold liquids certified to UNI EN 12720: 2009: class B (rp CATAS* 118485-1)

Compatible processing: all mechanical and heat process associated with glass: cutting, grinding, bevelling, etching, drilling, lamination, painting, enamelling, tempering; bending: the processed surface, 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.

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.

Applications: table tops, shelving and work surfaces, sink tops, etc.

Defect acceptance limits: for all defects coming from float glass production: as per UNI EN 572.2. For all defects coming from the chemical processing:

DEFECT SIZE mm	MAX DEFECT NO./ SHEET	AVERAGE NO./ 20 SMQ
> 0,6 and < 1,5	3	5
> 1,5 and < 3,0	1	2
> 3,0 and < 9,0	Upon customer's acceptance only	Upon customer's acceptance only

* CATAS: S. Giovanni al Natisone UD /Italy.

** Sassuolo Lab: Fiorano Modenese MO/Italy