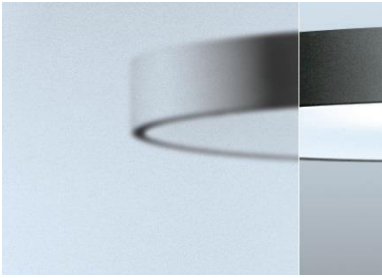


ECOSAT VELO
 TECHNICAL DATA SHEET - Rev.05.03.2021



Manufacturer: Vitrealspecchi spa

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

Description and performance: one side is chemically and permanently opacified. The defining properties of this glass are its high luminous transmission and an extraordinary silky touch, fruit of an exclusive process. This special finish ensures greater resistance to fingerprints and easier cleaning than the *maté* finish, also in the transformation phase.

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

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

Colours: extraclear, clear.

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

Weight: 2.5 kg/m² per millimetre of thickness.

Testing

Light transmittance factor: 5mm, clear colour: 86,0%*.

Light reflection factor/satinated side: 5mm, clear colour: 8,0%*

Gloss (60° -R60): 12,0**

Haze: daylight 52,8/artificial light 55,0**

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

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.

Internal and external applications: building, doors & windows, partitions walls, furniture, etc.

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	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

*Stazione Sperimentale del Vetro/Venezia-Murano, Italy: test report no.142471 / 03.02.2017

**BYK-Gardner/Germany: tested 24.05.2017