GLASS DESIGNS

GLASS AND MIRROR SUPPLIERS TO THE TRADE
TOUGHENED GLASS DIRECT

UNITS 3 &4, CITY CROSS BUSINESS PARK,
SALUTATION ROAD, GREENWICH, LONDON, SE10 0AT

Ecosat Screen

Technical data sheet

Rev. 24.09.2020

Manufacturer: Vitrealspecchi spa

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

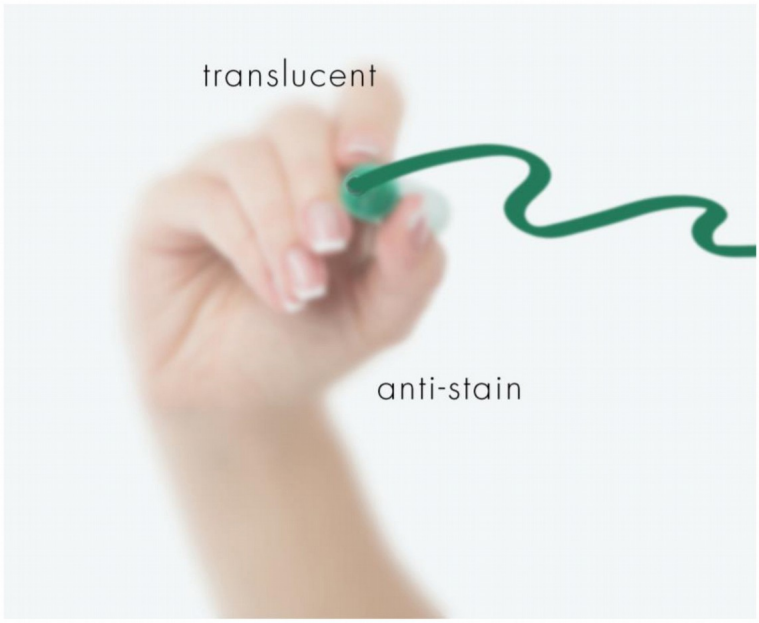
Description and performance: translucent glass with permanent chemical etching on one side and characterized by high light transmission and a particularly silky touch. The special treatment on the processed side ensures maximum resistance to scratches, staining agents (whether greases or coloured liquids) and fingerprints. This special finish thus ensures easier cleaning than traditional satin-finish glass, in both the processing and maintenance phases.

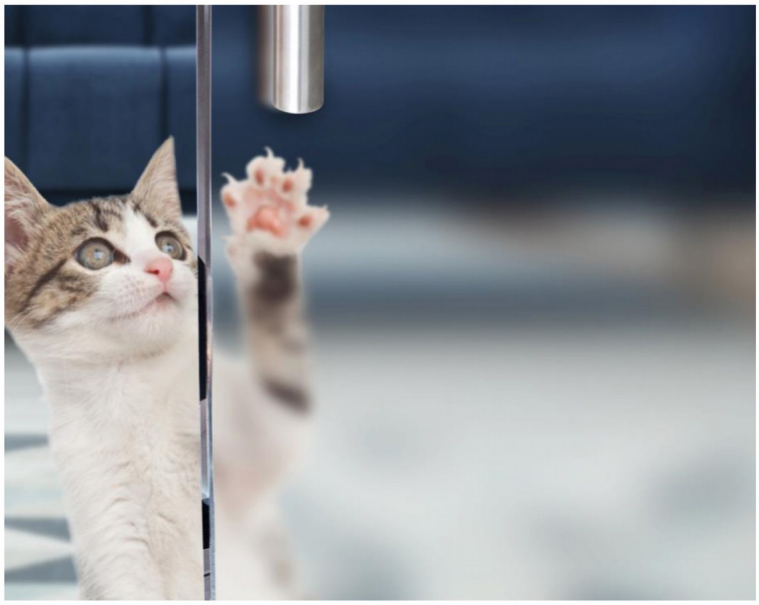
Sheet sizes: 2250/2400 x 3210 mm (usable sizes: 2210/2360 x 3170 mm).
Thicknesses: monolithic float glass 4/5/6/8/10/12 mm.
Colours: extraclear, clear, dark grey.
Availability of standard colours/thicknesses is subject to change. Please verify when ordering.
Peso: 2,5 kg/m² per millimetre of thickness.

Testing:
Light transmission factor: 5mm, clear: 87,4%*
Light reflection factor/satinated side: 5 mm, clear: 8,2%*
Gloss (60° GU – R60): 28,4**
Haze: daylight 15,3/artificial light 15,8**
Resistance to scratching (UNI EN 15186:2012, met.B): class A (maximum level)***
Resistance to cold liquids (UNI EN 12720:2013): 5 (maximum level)****
Resistance to stains (EN 438-2:2016, par. 26): 5 (maximum level)*****

Internal and external applications: building, doors and windows, furnishing, work tops, display surfaces, IWBs etc.

Compatible processing: all mechanical and thermal processes associated with glass, such as 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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Greenwich, London, SE10 0AT
Reg No. 01595510 England

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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. 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 – Murano, Italy: test report no.142469 dated 03.02.2017
** BYK-Gardner/Germany: tested 24.05.2017
*** CATAS/Italy: test report no.223521/1 dated 22/11/2016
**** Main Laboratory Sassuolo/Italy: test report no.0272-2017
***** CATAS/Italy: test report no.226729 dated 31.01.2017





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