

Entrance door Omero

technical specifications

Features

Wooden entrance door for external application only. The materials we use are stocked in a storehouse that is naturally aired, and it is thermo-hygrometrically balanced with the environment. It's humidity level, when we start working it, varies according to the type of wood and it can range from 10% to 16%.

Frame

Fixed wooden frame with a 78x92 mm section. The profiles are made so that the ends of stile and transom perfectly match, and they are double-tenoned together at right angle. Gluing made with adhesive tested in accordance with regulation EN 14257 (ex WATT 91). Frame on three sides and grey insulated aluminum lowered sill with holes for water drainage. The anti-barrier lowered sill is no more than 25 mm-high, in accordance with the current regulations.

Leaf

Fixed or openable wooden sashes with a 114x92 mm section. The profiles are made so that the stile and transom ends perfectly match, and they are double-tenoned together at right angle through anti-twist tenon and dead hole. Gluing made with adhesive tested in accordance with regulation EN 14257 (ex WATT 91). In the sash they are made of 4X12 mm to avoid the formation of condensation and guarantees airing of the glass, in accordance with the current regulations. Profiling and squaring are made for a 12 mm hardware system, which means that the distance between the two leaves is 12 mm. Standard French window has two cross pieces lower.

Panels

The panels are made of veneered MDF waterproof essence request and insulated. All the panels can be replaced with the glasses. The subdivision of panels in all models can be varied and customized by adding one or two vertical uprights and/or horizontal crossbars.

Semi-fixed leaves

The semi-fixed leaf can be made on request with the section of 80x92 mm uprights.

Hardware

Silver hardware undergoes a galvanic zinc-coating process which is completely exempt from hexavalent chromium. It is made with steel and highly corrosion-resistant alloys, in conformity with the class 5 resistance requirements, in accordance with regulation DIN EN 1670. In case of application in spaces where a high heat-resistance is required, please fix the suitable hardware system with the windows maker. Locks are certified with the "Ral" quality mark, (in accordance with regulation DIN EN 1326-8) and they have been tested upon 10.000 openings and shuttings.

Current supply: self-locking lock with 3 latches that come out simultaneously, thanks to the latches the door is always hermetically closed, even without turning the key, on request this lock can become automatic electric "anuba" hinge adjustable, maximum weight capacity 90 Kg per leaf; silver anodized aluminium handle internal and external fixed knob.

Bolt

Fitted as standard on the two leaves, are one lower and one upper.

The front door with frame measuring L 900x2200 H mm, one sash, with insulated panels features these properties:

OMERO

Wind-resistance	C4 class	UNI EN 12210
Water-tightness	7A class	UNI EN 12208
Air-permeability	4 class	UNI EN 12207
Thermal transmittance value	Uw=0,95 (panel Up=0,77)	UNI EN 10077-1 e 2