



Lampo

High-speed doors - Easy opening!

Frame

The Lateral uprights (side jambs) are in shaped and zinc coated sheet of steel. The sliding tracks of the coat, which lay inside the side jambs guide, are in self oiled molecular polizene. Its high density suits with the hinge sliding, which allows the release of the coat after an accidental impact and to re-insert it after a working cycle.

The upper crossbar is made by the same material as the side jambs and the main bearings with self-aligning roller bearings are fixed on it to support the tubular galvanized shaft which spools the coat.

The upper crossbar is closed on the ends by proper closing casings and equipped with motor cover casing.

Coat

The flexible coat is made of high tear-proof polyester textile, model "BEST", Class 2 fire-resistant, 1300 g/m² and 12+12 thread woven. Provided with two transparent and flexible crystal PVC sectors, UV-proof, width from 850 up to 1200 mm and height 300 mm., head height. Available colours are: White RAL 9010, Light Ivory RAL 1015, Yellow RAL 1003, Orange RAL 2004, Red RAL 3002, Green RAL 6026, Light Blue RAL 5012, Blue RAL 5002, Grey RAL 7035, Grey RAL 7037, Grey RAL 7042, Silver RAL 9006.

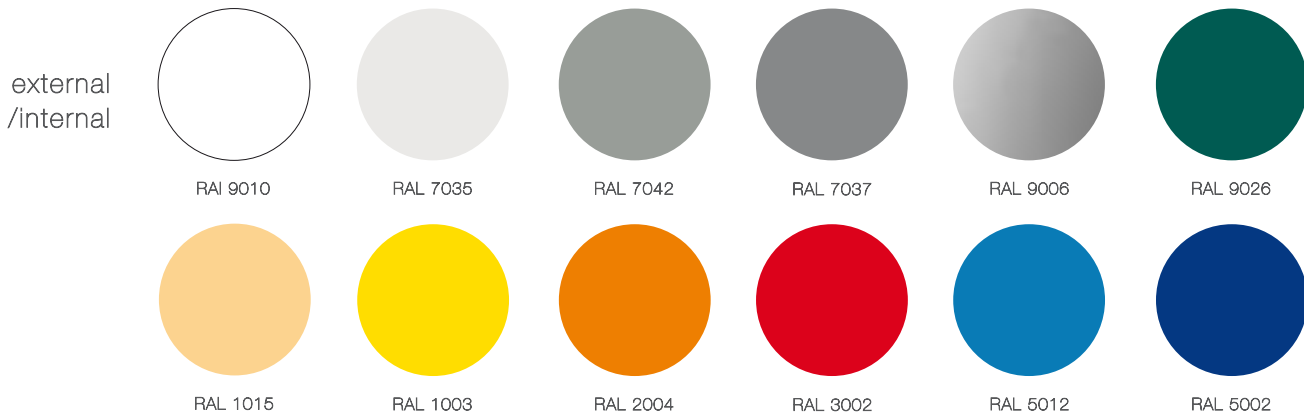
Please note that since the colouring is on PVC, the colours must be considered similar to the RAL codes.

Lateral sealings are completely electro-welded, coat does not present any rods.

Wind or suction state capability certificated at following dimensions: Class 3 (110 kg/m²) till L 3500 x H 5400; Class 2 (80 kg/m²) till L 5500 x H 5400; Class 1 (60 kg/m²) for more.

The door lifting happens through the coat roll-up on the upper shaft.

Standard colours of coat



Standard equipment

Crank for manual manoeuvre to start from the bottom in absence of voltage.

ID identification label inside the switchboard with door data and CE branding.

Instruction book for assembly, use and maintenance, including certificates provided for by law.

Handling systems

Three-phased motor 380/220 V, equipped with motor train unit, fixed on upper crossbar in lateral or front position (left/right), suitable for a continuous service with clutch on the primary shaft of the manual movement, worm reduction gear permanent oiled (without maintenance), absolute encoder, max. opening speed 2,5 m/s with positional slow-down.

Inverter wired switchboard in metal holder with hinged and lockable door, dimensions 300 x 400 x 150, IP 65 protection, CE homologated, colour RAL 7035, with start button, lockable selector, mushroom emergency-stop button.

Single-phased 220 V power supply, by electronic mother board with forced clutches frequency changer for the adjustment of accelerating and decelerating ramps, stress sensor and amperometric engine saver, automatic closing timer.

Automation's complementary Safety Devices

Couple of selfaligning infrared photocells in frame incorporated.

Anti jamming security sensor within 3500 mm Width.

Radio frequency resistive safety rib over 3500 mm Width.

Green opening mushroom button to install on switchboard's opposite side.

Yellow flashing movement light.

Electrical pre-wiring for all above mentioned devices.