

Instant Roll

Indoor use: Maximum sizes 5000 x 5000. Outdoor use: Maximum sizes 4000 x 4000
Moderate wind pressure.

CURTAIN

Canvas:

Base technical fabric of high tenacity polyester impregnated with tinted PVC.

Weight: 950 g/m²

Operating temperature -30 to +70 °

Finish: shiny finish on both sides.

Reaction to fire: Self extinguishing M2.

Color: A wide range to choose from

Color	Red	Yellow	Green	Blue	Anthracite Grey	Window Grey	White
Similar to RAL	3002	1003	6026	Europe 95	7016	7040	9003
Fire Resistance	M2	M2	M2	M2	M2	M2	M2

Color	Ivory	Orange	Vermilion	Black	Brown		Grey
Similar to RAL	1014	2004	2002	9005	8016		9006
Fire Resistance	M3	M3	M3	M3	M3		M1

Cross beams for wind resistance:

In the standard configuration:

Material:

Composite tubular profile fiberglass and polyester manufactured by pultrusion.

Resistance to wind load (according to UNE - EN 12424)

Standard: Class 0 (for indoor use with light air pressures)

Optional: Class 1 (for indoor use with light air pressures)

Socket: galvanised steel tube sized: 30 x 30 x 1,5.

Bottom bag to adjust the door canvas to the floor:

Material: Reinforced fabric of polyester impregnated with PVC.

Color: Yellow with black diagonal stripes.

Opening system with Velcro ® to reach the contact strip and the Radio-Band transmitter.

PVC crystal clear quality.

All the welds on the canvas are done by radio-frequencies, including the window welding.

STRUCTURE

General.

Galvanised steel painted with polyurethane paint coating two color components RAL 7046.

It can optionally be delivered with paint finish in RAL color of choice.

Legs - Guides.

1.5 mm thick galvanised steel sheet, bent and profiled for a very tough column structure. Painted with 2-component polyurethane powder.

Base of galvanized steel and painted with holes for floor fixing.

Edges protected with nylon industrial brush on aluminium clamping profile to increase the air tightness and eliminate friction with the curtain.

Head:

Transom: box-shaped galvanized steel 1.5 mm thick. Back cover to access inner mechanism easily

Side supports: profiles made with painted galvanized steel sheet that house the self-aligning ball bearings that support the shaft.

Axis formed by:

Aluminum drum of 110 mm diameter. Reinforcement radiuses and central hollow axis knot with keyway.

Interior: solid galvanized steel profile of 25.4 mm. Ø

Fixation:

Head: On a light structure to maintain verticality.

Feet: Anchored to ground and one or two intermediate depending on height and air pressure.

ENGINE.

Motoreducer.

Irreversible motoreducer for heavy duty with mechanical position switches integrated.

Solid shaft with elastic output coupling.

Electric brake for accurate positioning and locking of the curtain.

Electric brake manual release by a pulling cord.

Manual opening system by hand crank.

Voltage (V) Frequency (Hz): 3 x 230 / 400 V. 50 Hz

Power: 0.4 to 0.75 hp. According to door's size

Protection: IP 54

Optional features:

Front motor with chain transmission

Motor lid cover in painted steel sheet in white "Pyrenees".

CONTROL PANEL. RSVP

Controls on outer lid: open and stop buttons. Tension isolator.

Programmable relay with status indicator display and mini buttons. It reports about: position, type of failure and counter of operations. Pushbuttons to open and close by deadman contact and basic programming.

Frequency converter: adjustable speed when opening and closing. Deceleration in the last stretch before full opening.

Motor protection by over-consumption and lack of phase. Painted steel box. With input and output gland.

Protection: IP 65

Voltages: Power supply: 220 V single phase. Operation at 24 V. Wiring from control panel box to motor, protected with an aluminum duct

Electrical data:

Voltage (V) , Frequency (Hz): 2x 230V. 50 Hz

Approximate consumption: 6 Amp. (based on average engine power and voltage)

Protection: IP 54. Electrical wiring to the box must be performed by an electrician and should be a protected

OTHER FEATURES:

Speeds:

Open: Up to 1 m / s

Slowdown in opening up: 0.6 m / s

Closing: 0.6 m / s

SECURITY SYSTEMS. (In accordance with RD 1435/92)

-Footstep security: Photocell with reflector placed on structure's frame.

-Bottom of the curtain (leading edge). Painted with diagonal safety stripes Yellow / Black

-Anti-crushing: bottom safety bar by radioband.

-Signal flashing lights: Exterior and Interior.

Our doors are manufactured according to the UNE-EN 12453:2001 and comply with: harmonization directives 89/392/EEC,

91/368/EEC and 93/44/EEC, and with the Royal Decree 1435/92 and modification 56/95.

They are tested and certified by a notified body in accordance with EN 13241