

ZIPPER PUSH UP

Self repairing high speed doors



Exclusive Advantages

Maximum Hold

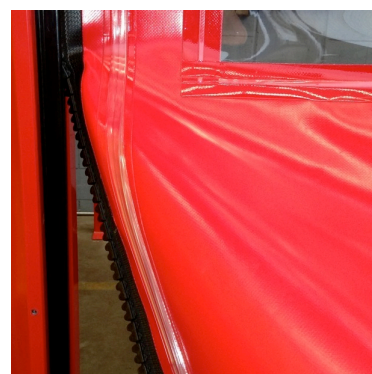
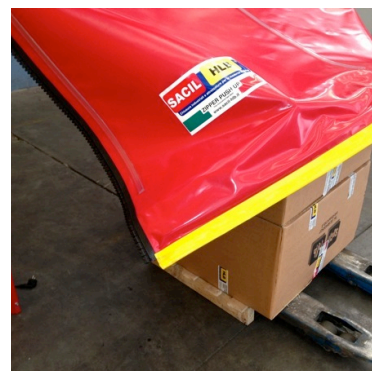
Self repairing doorblade

Doorblade without horizontal rigid elements

Speed up to 1.8 mt /sec

Control box with inverter

Gear motor with encoder



The door that after a bump restores itself automatically at the first opening cycle.

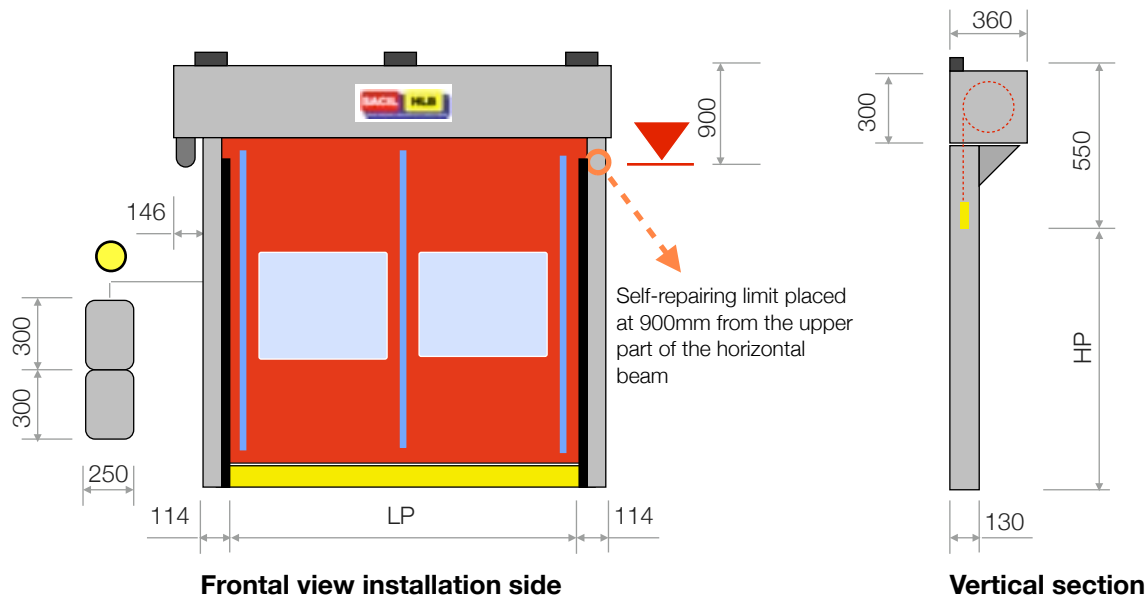
Video sequence



Self-repairing high speed roller door for intensive use, made of a pair of vertical guides and one horizontal beam containing the top roll. Door equipped with the unique doorblade with curtain made of self-extinguishing polyester material with different colours. The wrapping of the curtain is granted by the progressive rolling up of the horizontal shaft. Opening and closing operations are granted thanks to a gear motor vertically placed on one side. For the installation the door needs a wall support able to grant a wall fixation by means of screw anchors. It is the solution, the most reliable and secure, for the separation of two adjoining rooms. The curtain is delivered without any rigid elements and the side guides are designed such in a way to allow the curtain leaking in case of impact and its reintroduction at the first opening input.

- Operate with a motor driven by an inverter with the possibility of "speed regulation", keyed directly on the rolling shaft of the door. Limit switch regulation through the encoder placed in the gear motor. Power supply 220 Volt one phase.
- Doorblade without rigid elements with about 900 gr /sq meter of weight in OVC fabric (asoption it is also available in self-extinguishing class 2 material). Ballasted base with flexible system that allows the same to descent by gravity. The side ends of the curtain finish with a plastic Zip that slides in a special polizene guide. Available colours similar to RAL shades: white silver 9016, Cream 1013, 1021 yellow, orange 2008, red 3000, blue 5015, green 6026, gray 7038, black pvc 9005.
- As option is possible to add clear windows placed at 1200mm from the ground having height 800 mm with a central opaque line.
- Standard electrical fittings including: 1 control box programmable in pvc IP 55, 1 inverter in a special box pvc IP 55, 1 axis infrared photocells placed in the side rails, one axis of infrared photocells placed in upper beam member that contains the roller which inverts the direction of the door in case of impact against one obstacle, 1 flashing yellow light to be positioned above the electrical panel.
- Side guided in galvanizes steel containing the polizene profiles in which slides the plastic Zip. The polizene profiles are fixed with adjustable springs in order to allow the tension of the curtain. Removable spring cover.
- Rolling shaft cover made of galvanized steel coil (optional painted). Roller shaft in extruded aluminium tubular profile diam. 120mm with steel end caps inserted on the oscillating bearings.
- Manual opening and closing in case of power failure by means of a dedicated handle to be inserted directly on the motor It is not foreseen the motor release at man height. The door can be both open and closed.
- Push up, patented , polizene block breaker that allows the doorblade to enter again in the side guides once leaked after a collision in both manual and automation functioning. The block breaker keeps the guide always continuous and without cuttings and rising itself at the right moment allows the doorblade to reach the correct position inside the guides while maintaining the same perfectly intact and free of cuts.
- Options: AISI 304 stainless steel for side guides and horizontal beam. Painted frame. Insulated doorblade. Logos and serigraphs application. Remote controls such as radars, push buttons, magnetic loops, etc
- Wind resistance up to class 2
- Opening and closing speed can be set up to 1,8 mt/sec
- Speed 'opening and closing programmable with peaks of up to 1.6 meters per second.
- Pre-wired control box and motor with shielded cable and Certification on electromagnetic compatibility.
- Each door is individually packed with PVC film. For each door a single accessories box is prepared.

Dimensions and overall dimensions



Description

WP= clear width
HP= clear height

Notes

The motor and control box group can be positioned, on request, on the right side of the door
In this case the side overall dimensions can be inverted. The door is not self-supporting and must be fixed to the wall.

Uni en 13241-1

Designed-Produced and Certified
According to the European product rule
UNI EN 13241-1



Sacil Hlb srl

Via Marmolada 12 - Cusano M.no - Italy
Tel. 02-66402507 - Fax. 02 66401649
P.I. 05017200154 - cap soc. 520.000 i.v.

**web
mail**

www.sacil-hlb.it

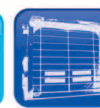
info@sacil-hlb.it



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Mobili



Punti
di Carico



Chiusure
REI

THE PLUS OF ZIPPER PUSH UP



TOP QUALITY IN HIGH SPEED DOORS

Zipper push up is built using a unique concept and components of high reliability', following the tradition of constructive Sacil Hlb for over 85 years sees its products at the forefront of technology.

Before making your choice evaluated and compared the proposals' cause often with a little more 'you could get a lot more'

12 EXCLUSIVE PLUS of ZIPPER PUSH UP

01 - Made in Italy doorblade Naizil of 900 gr

Doorblade without rigid elements with about 900 gr /sq meter of weight in OVC fabric (as option it is also available in self-extinguishing class 2 material). Ballasted base with flexible system that allows the same to descent by gravity. The side ends of the curtain finish with a plastic Zip that slides in a special polizene guide. Available colours similar to RAL

02 - Triple PVC transparent reinforcement PVC on the curtain

To keep the sheet wrapped cylindrical shaft, shims are welded continuous transparent PVC which also protect any window pvc reducing the friction and wear during winding.

03 - Double photocell on side guides and rolling shaft

Two infrared photocells. A side rail to intercept any obstacle to the descent of the sheet, one on the cross to detect the possible enlargement of the roller. Both block and reverse the direction of flow of the sheet.

04 - Gear motor with encoder and integrated safety gear

Stop the mechanical limit switches, adjustments are made from the painting program that the encoder for secure positioning over time. In the gear unit is integrated the safety parachute that blocks the descent of the sheet in the event of failure.

05 - Side Zip of great dimension with double tooth

Maximum strength for the particular more 'stress during the flow of the sheet. Double tooth and big size.

06 - Amortized Structure of the side guides

Side rails which allow very structured to support the crossbar which must simply be tessellated to the upper wall. The side rails contain springs that absorb the sheet during the wind pressure and during accidental impact.



07 - Push Up, the patented system for restoring the doorblade inside the guides

The patent! The sheet always flows in a continuous side rail that opens only when the sheet is out of the same and then close automatically after the child's reintegration. Minor wear side zipper and functioning more 'fluid.

08 -Bottom counterweight balance by means of micro steel balls

A sheet balanced by ballast that is realized with lower tubular profile rubber into which they are inserted micro steel balls in the right weight and quantity. The ballast made in this manner, helps to ensure that the sheet is harmless in case of contact as totally devoid of rigid

09 -Control box with Leinze inverter

Deceleration and acceleration are controlled by the excellent inverter Leinze which ensures maximum reliability 'and a perfect setting. The use of the inverter allows an operation of the door silent significantly reducing the stresses to the mechanical parts.

10 - Pre-wired electrical connections

The electrical cable of the shielded type that combines framework electric motor unit, is supplied already 'connected and tested to facilitate the installation in terms of time and precision. The set and 'certificate shall respect the law on compatibility' electromagnetic.

11 - Extruded aluminum rolling shaft

Choice of quality 'also for the winding shaft, extruded aluminum for an always perfect alignment to the group motion reducer.

12 - Multipurpose contro box

Electric panel of high quality 'industrial, arranged to receive different control logics and to be connected to any type of pre command. A radical choice for a component of the most 'important of the high speed door.

SAFETY ENERGY

UPS for high speed door ZIPPER PUSH UP model



New!



3

Available Settings

- ✓ Base
- ✓ Open
- ✓ Close

Functional Warranty

in the absence of electric power for at least

10 complete cycles!

SAFETY ENERGY,

the new UPS system for high-speed doors which makes the door operable in the absence of electricity.

The tested system guarantees up to 10 cycles of actuation of the door.

The system SAFETY ENERGY can 'be applied to all types of operated- high speed door with electric panel with inverter powered at 220 volts single phase.

The system can 'be programmed in three different configurations to customer request.

Base

In the absence of electricity the door works via the electric button on the control panel to be opened or closed.

Open

in the absence of electricity if the door is closed automatically brought into the open position.

Close

in the absence of electricity if the door is opened automatically brought into the close position.

The UPS group is positioned at the wall immediately below the electric panel and is closed with a lid fixed in pre-painted galvanized sheet metal color red. The coverage does not guarantee a watertight seal.