

SANAT PERSIAN MABN A



PVC FABRIC DOOR SYSTEMS

**SO
FAST
NICE
DOGGED**

SPEED FLEX® HIGH SPEED ROLL UP DOORS



Flex –roll high speed roll up doors are designed for internal applications or negative pressure area require isolation quick operative and easily adaptable to different applications . All kind of industries require this type of system at in door environment that has contact risk with wind and dust. From food industries to supermarket warehouse to chemical store doors can be provided for different requirements of client . We can provide tailor made solution. Compact design and silent operative.

High speed door is designed for durability . Spring & zip system are not being used as they cause damage inside wind bars. We are continuously improving in every factor to reduce the problems by collection feedbacks from every client across globe to provide best simple and robust system .

24/7operations

Strong and flexible design of speed flex fold up doors can be operated 24*7 specially by choosing high resistance fabric and gearbox system for continuous operations. Crash resistant system installed in our door help to re-as- semble the fabric with in no time in case of accident.



Easy and cost effective Repairing

Flex roll high speed roll up doors is manufactured section technology so each sections can be replaced individual if a parts is tear or damaged no need to replace all fabric. System doesn't has spring or side zip system . System can be cleaned with water easily it is most important properties for high hygiene required area.

Sealing properties

Door compact design supply to you also excellent sealing. All structure made from aluminum and no welding also no gap to resistance moisture acids animal fats rodents insects and salt solution speed flex high speed roll up doors works in dusty dirty grimy environments . This is designed for noiseless operations.

Patent pending sectional design

Speed flex up door is specially designed with section. So all sections is separately installed and can be reparately installed and can be replaced easily. If any accident is occurred no need to replace fully changed the fabric. This user friendly design reduce your maintenance cost efficiently



Easy and cost effective Repairing

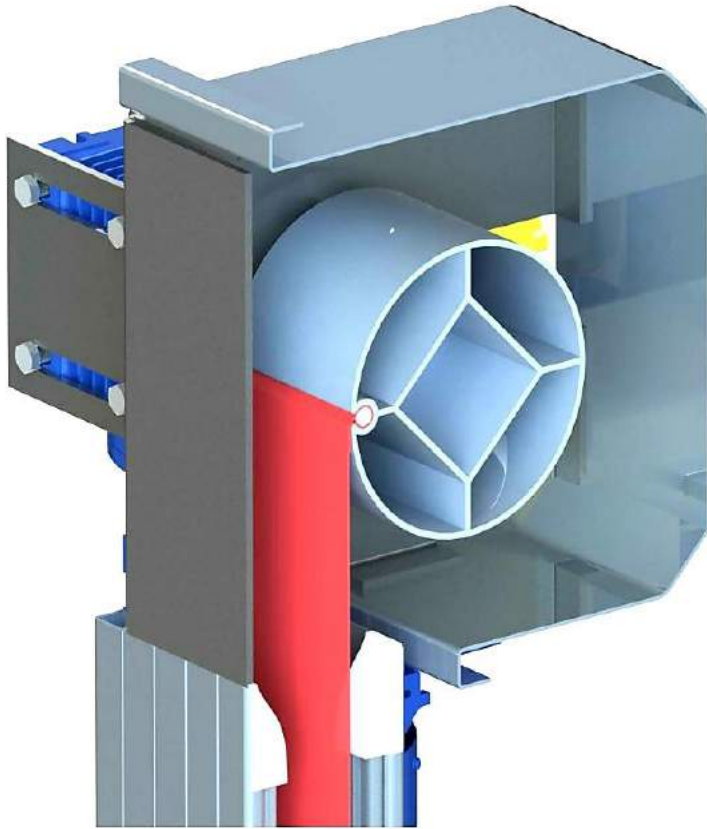
Flex roll high speed roll up doors cause of design no need any special maintenance all parts is carefully chooses for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.

Perfect for Hygenic Area

High speed roll up doors is designed with very low gap to avoid dust collections fully Aluminum body and hygienic fabric is meet with all clean room area and applications.

Structure

All structure made from extruded high straight Aluminum 6063-t6 Alloy fixed with bolt only top cover as standard made from galvanized steel sheets. All side guide and bottom frame is manufactured one pieces so not gap or welding that is suitable for high hygiene area. Steel zinc structure is available for cost effective requirements.



Wind Resistance

Rollup doors is designed internal applications standard wind resistance 40 km/h and class 2 Annex ZA-(EN13241:2011).

Fire resistance

Fire resistance of the fabric is suitable for any fire safety regulations. Relative standard is DIN4102-B1. these materials are difficult to ignite. They include materials such as wood treated with a fire retardant and rigid foam plastics. A fire must extinguish itself when the source of the fire is removed.

Curtain Data

Curtain thermal insulation : $U=4w/sq\text{-}mt.k$ (BS EN ISO 6946) sound attenuation:16 dB A tensile straight 4300/4000 N/50 mm

Applications

All industrial building need isolation and high traffic area regulations special . Food pharmacy chemistry industries. Doors is used for interior applications or vacuum area max 10pa.

Maximum Dimensions

All industrial building need isolation and high traffic area regulation special. Food ,pharmacy , chemistry industries. Doors used for interior applications or vacuum area max 10 pa.

Safety components

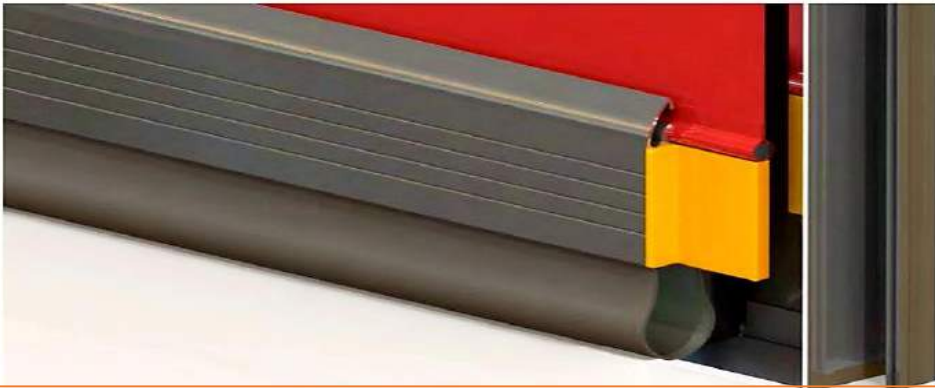
All doors is manufactured CE standard Applicable Directives 89/106/EC-99/93/E Applicable standards:- EN 13241-1:2003++A1:2011_EN 12978:2008 and safety photocell , thermic resistance , windows section,emergency button warning light and buzzer is supplied Standard equipment.

Optionally

Bottom safety edge and pneumatic safety edge system is available

Anti-Crash safety

Instead of our copy –cat company speed flex up door has anti-crash system so if any accident is occurred fabric not damaged and easy replace.



Low Maintenance

Flex roll high speed roll up doors cause of design no need any special maintenance all parts is carefully chooses for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.

Control board

Control board is designed according to CE 2006/95 EC and NEMA ICE 2 Standard to operate 3 phase motor with rotate switch . Audible and visual warning devices automatically signal for 5 seconds before any door section movement ,remain continuously on while the door is in motion and reset immediately after movement stops.ip 65 Box Emergency button Circuit breakers warning light buzzer ,plug in technology served with universal spare parts.

Optionally

Frequency converters control board with touch less button – mono phase operators control board is available.





Fabric

Specially choose fabric is suitable for long life .it have very high resistance against to UV damage, trade, name VALMEX POLYMAR manufactured by Mahler textile GMBH ,industrial fire resist 900 gr/m2 1-2 mm 1100 Dtx B 6000 panama SIO –LINE + DIN EN ISO 2286 -2-CE tensile straight 4300/4000 n/50 mm DIN53354. tear strength 500/500 N DIN 533 63

COLOR

Wide range fabric colour is available ,All maincolour at our stock (RAL 9002 -9006 -1001 -3001 -5007-6001 -7071)(some colour is out of stock can be extend delivering time)



Red - Ral 3020



Yellow - Ral 1018



Light blue - Ral 5012



Blue - Ral 5010



Metalic grey - Ral 9006



Grey - Ral 7039



Orange - Ral 2003



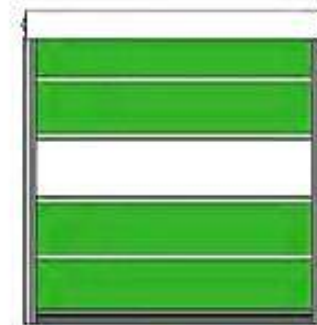
White - Ral 9010



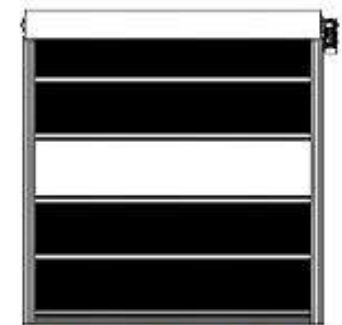
Beige - Ral 1013



Light green - Ral 6019



Green - Ral 6018



Black - Ral 9005



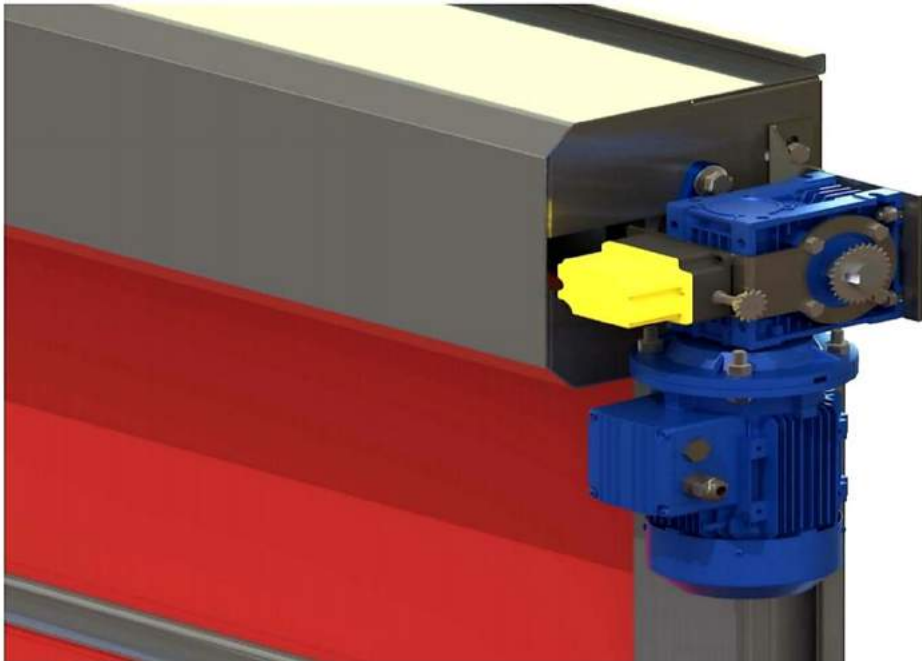
Speed

speed flex fold up doors can be operated as a standard 90 cm/sec also can be increased 150 cm/sec with frequency converter (optional)

Motor And Gearbox

Power from 1 Hp up to 3 Hp operations voltage 380 -440 v 3 phase depends to dimensions of the doors. We prefer to use 3 phase operation voltage for 7/24 industrial operations, as an options we have 220V1 phase motor operator for special applications.

Gearbox high torque worm –hole design gearbox .All materials is manufactured according to CE norm.



Operations

Speed flex rollup fabric door is guide up and down in the weater sealing vertical guides attached to the structure.door is controlled by three buttons marked open ,closed and stop . It is controlled by momentary pressure to open and constant pressure to close.(Reverse is available). System has touchless control board for clean room sections and it can be operated with radar , remote controller, Merallic loop detectors, pull rope switch as an options.

Loop detectors

Together with the inductive loops laid beneath the surface , the Lc series loop detectors form a universal sensor system for detecting vehicles and forklift. People are not detected.

Infrared Radar

Opening impulse sensor for automatic doors and industrial doors I motion sensor for people and objects.

Remote controller

Is a component of an electronic device to operate the device with radio frequency from a long distance (25mt up to100 mt)



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