

# SHIPYARDDOOR®

PVC FABRIC DOOR SYSTEMS

SHIPYARDDOOR®

**SAVE  
YOUR  
WEATHER  
GOOD &  
MONEY**

ECO ROLL - HIGH SPEED ROLL UP DOORS





Eco-Roll high speed roll up doors are designed for cost effective solutions that no need any special requirements of the high speed roll up doors for internal applications or any type industrial area require isolation, manage fluid traffic , quick operative and easily adoptable to different applications. All kind of industries require this type of system at indoor environment that has contact risk with wind and dust. We can provide tailor made solution according to clients requirements with low cost product. Compact design and silent operative properties is only 2 properties to choose our product

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 collecting feedbacks from every client across globe to provide best simple and robust system. If you need simple and cost effective roll up door solutions Eco roll will be your best door.

## 7/24 Operations

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Eco Roll high speed roll up door system has Strong and flexible design. This low cost high speed door system can be operated 24X7 specially by choosing high resistance fabric and gearbox system for continuous operations.

## Sealing Properties

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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 solutions ,Speed Flex High speed Roll up doors works in Dusty, Dirty, Grimy Environments .This is designed for noiseless operations.



## Easy and Cost effective Repairing

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Eco-Roll High speed roll up doors is manufactured whole body technology it can be applied any inside applications with cost effective solutions.

## Perfect For Hygienic Area

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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.

## Low Maintenance

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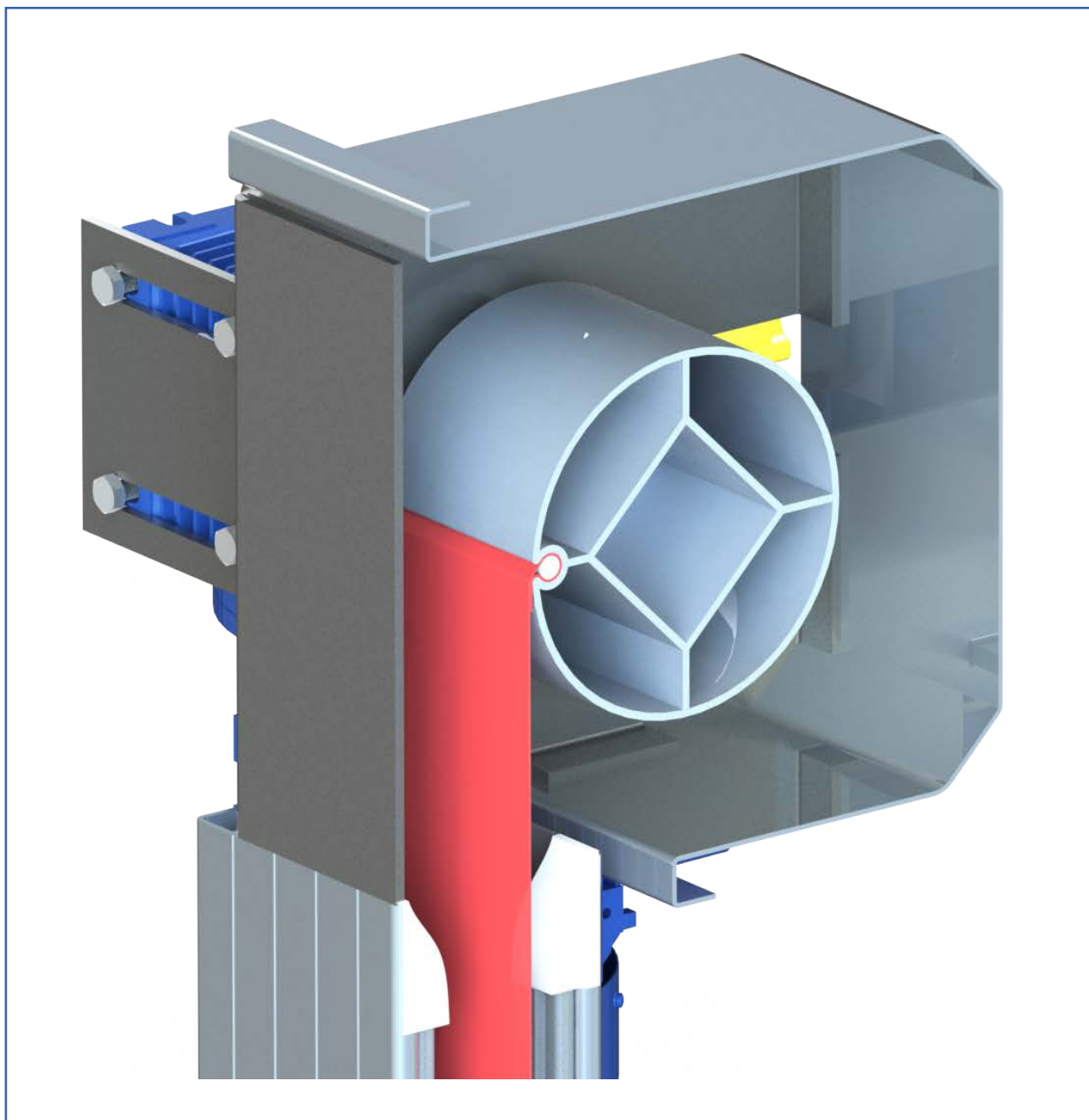
Flex roll high speed roll up doors cause of design no need any special maintenance all parts is carefully chooses for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.



# TECHNICAL PROPERTIES

## Structure

All structure made from galvanised steel frame with aluminium drum fixed with bolt instead of our competitors top cover as a standard made from galvanised steel sheets. All side guide and bottom frame is manufactured one pieces so not gap or welding that design is suitable for high hygiene required area.



## Wind Resistance

Rollup Doors is designed internal applications standard wind resistance 40 km/h and Class 2 Annex ZA- (EN 13241:2011).

## Fire Resistance

Fire resistance of the fabric is suitable for any fire safety regulations. Relative Standard is DIN 4102-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

Eco-Roll Curtain has reliable isolations, Thermal insulation:  $U = 4 \text{ W/sq-mt.K}$  (BS EN ISO 6946)

Sound attenuation: 16 dB A Tensile Straight 4300/4000 N/50 mm

## Maximum Dimensions

High Speed roll ups doors can be manufactured up to 4000X4000 mm. big door requirements Shipyarddoor® has special applications

# Applications

Eco-roll can be used all industrial building need isolation and high traffic area regulations. Cause of its cost effective properties can use any part of bulding. System save your weather product and money,

## Safety Components

We cant reduce our safety levels even low cost product, so Safety is most important things at our system, 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, soft edge system, 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.

## 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.

## Speed

Speed Flex fold up doors can be operated as a standard 80 cm /sec also can be increased 150 cm/sec with frequency converter (optional)

## Control board

Control board is designed according to CE 2006/95 EC and NEMA ICS 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

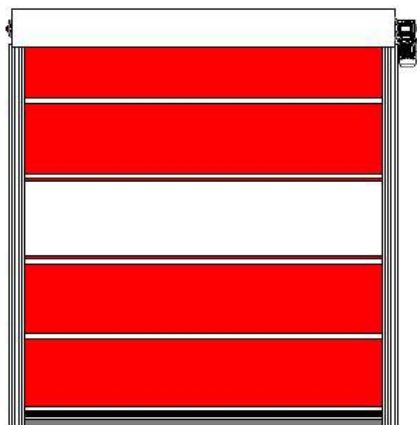
Specially choose fabric is suitable for long life. It have very high resistance against to UV damage, Trade name VALMEX POLYMAR<sup>®</sup> manufactured by Mahler Textile GMBH .industrial Fire resist 900 gr/m2 1-2 mm 1100 Dtx B 6000 Panama SIO – LINE + DIN EN ISO 2286 – 2 –CE

Tensile Straight 4300/4000 N/50 mm DIN 53354.

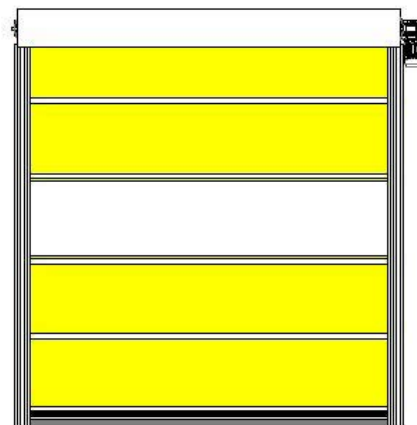
Tear Strength 500/500 N DIN 53363

# Color

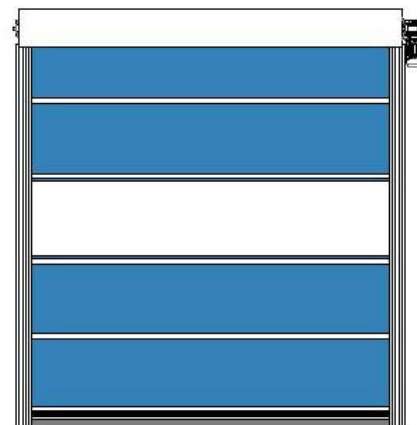
Wide range fabric colour is available, All main colour at our stock (RAL 9002-9006-1001 -3001 – 5007-6001-7071) (some colour is out of stock can be extend delivering time)



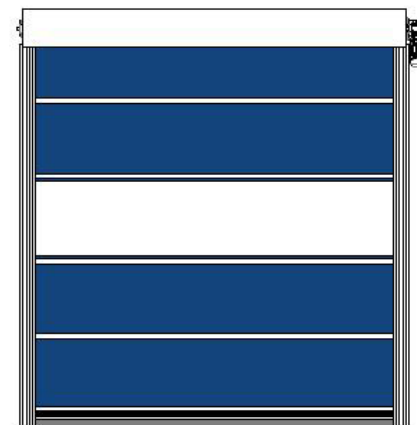
Red - Ral 3020



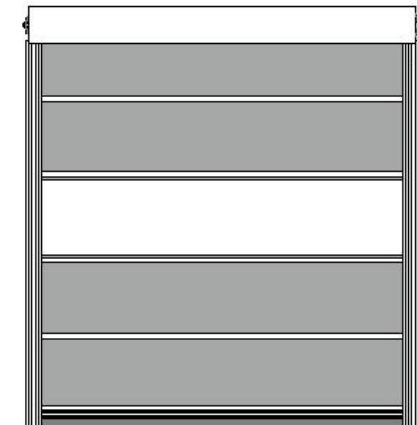
Yellow - Ral 1018



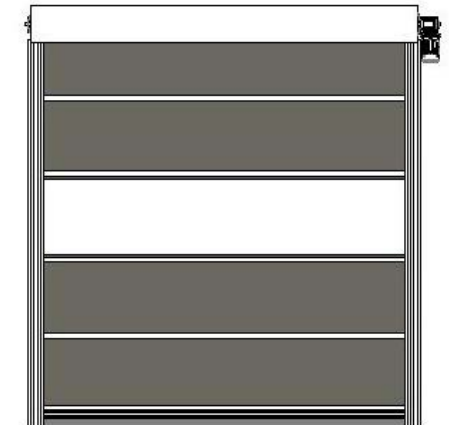
Light blue - Ral 5012



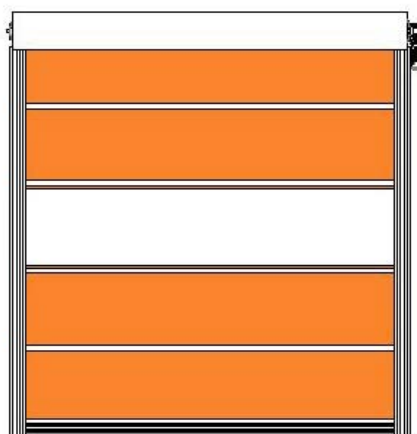
Blue - Ral 5010



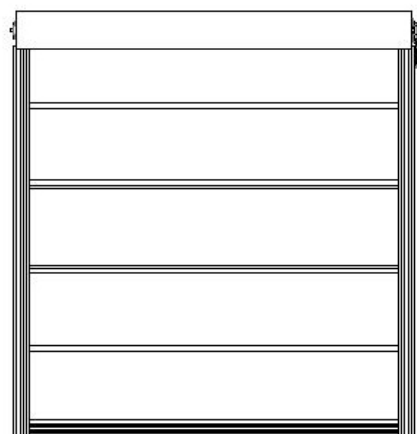
Metalic grey - Ral 9006



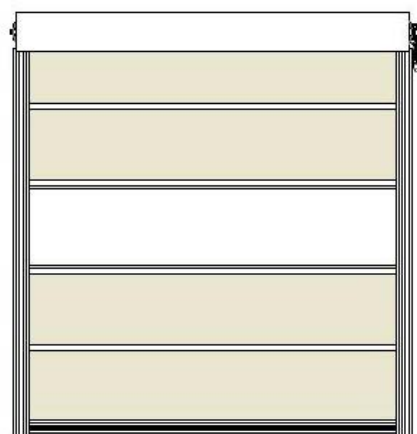
Grey - Ral 7039



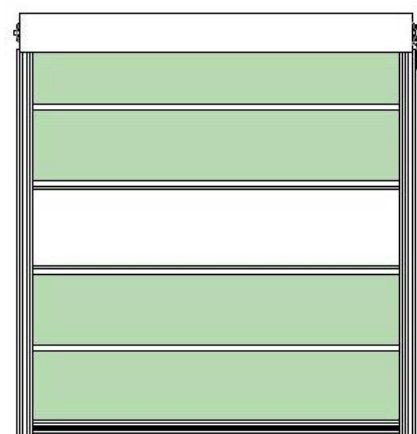
Orange - Ral 2003



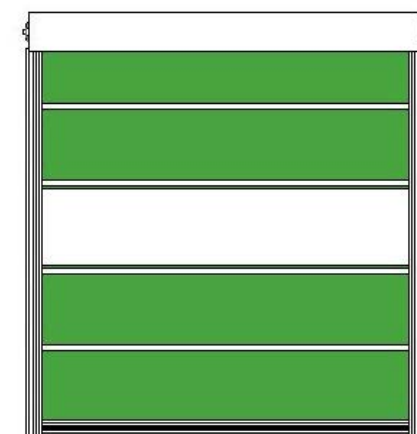
White - Ral 9010



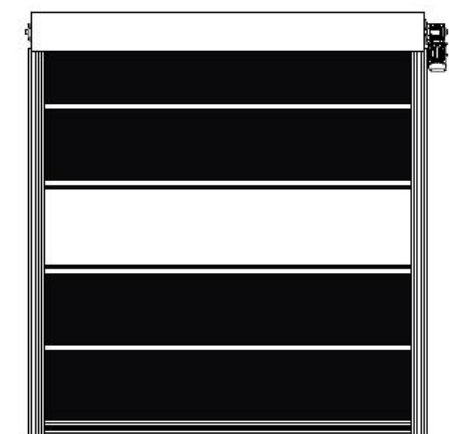
Beige - Ral 1013



Light green - Ral 6019



Green - Ral 6018



Black - Ral 9005

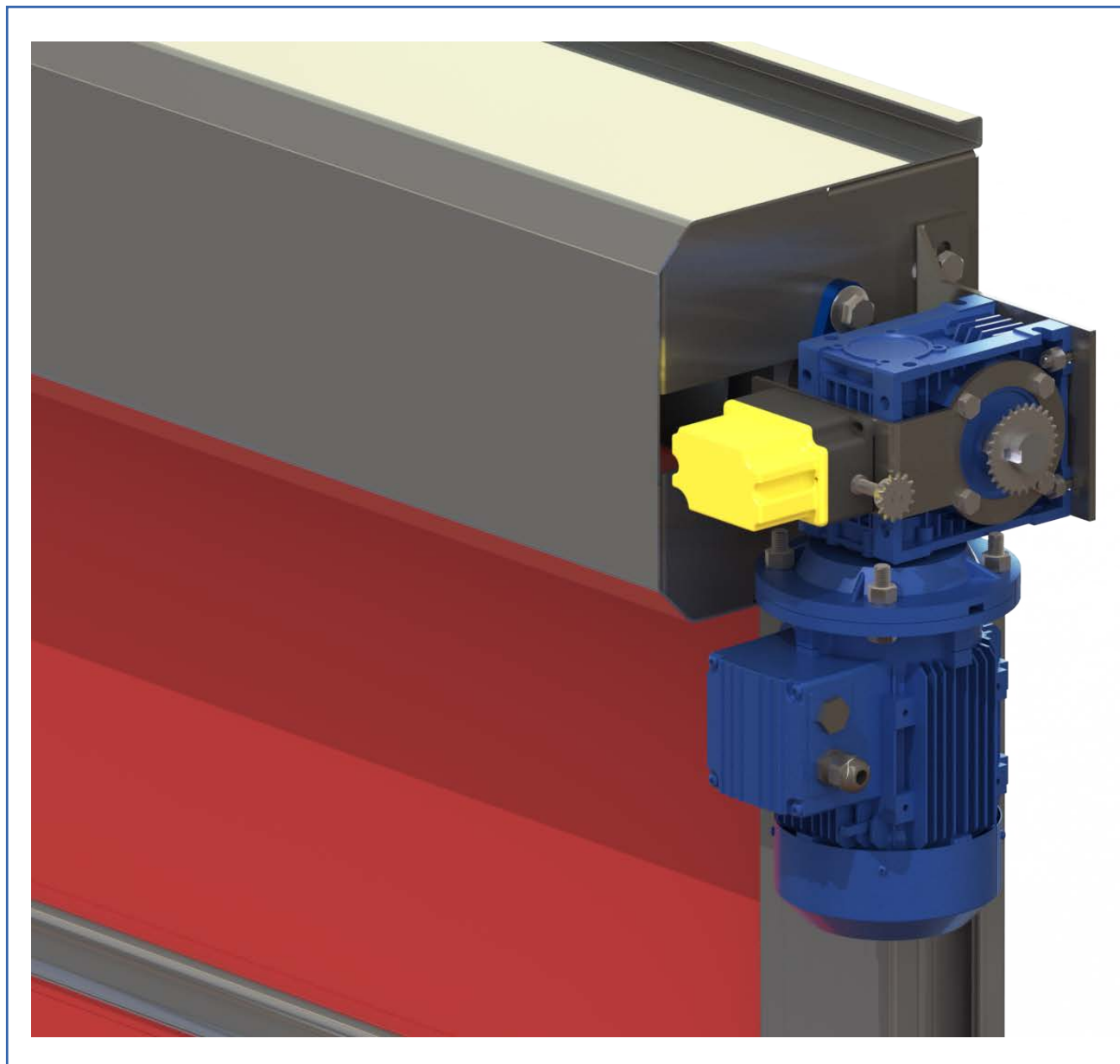
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# Motor And Gearbox

Motor gearbox and break one of most important part high speed door we specially choose all system low maintenance high durability and low spare parts cost, with all properties Motor 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 220 V 1 phase motor operator for special applications. Gearbox high torque worm-hole design gear-box. All materials is manufactured according to CE norm



# Operations

Eco-Roll® High speed Rollup fabric door is guide up and down in the weather 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,(Optional) Remote controller, Metallic 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 (25 mt up to 100 mt)

## Manual Operations;

In Emergency situations or power is of Doors can be operated manually a few ways.

- A hand crank that attaches to the output shaft of the motor is available for manual operation. (Standard)
- Connecting the door to a power generator would eliminate the problem in case of a power failure. (Optional)





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Discover  
the potential

**SHIPYARDDOOR<sup>®</sup>**

SPEED FLEX<sup>®</sup> ECO-ROLL HIGH SPEED ROLL UP DOORS