

FAST WALL

INSULATED ROLLER SHUTTER DOORS

LOGISTIC
SOLUTIONS



Fast Wall is a special type of door designed and produced by Kopron consisting of a rigid panel surface with a vertical roll-up movement and guarantees robustness, safety and functionality. It is ideal for frequent use and fits in any environment without occupying much space, it insulates rooms by keeping the temperature at a high level.

Made in Italy

TECHNICAL DETAILS

- Elements made from galvanized and prepainted steel with special paint, insulated, height 110 mm
- Weight of surface approximately 10,5 kg/sqm
- Dim. l. max 8.000 mm h. max 6.000 mm
- The engine is keyed directly to the shaft
- Manual lever emergency opening/closing or with chain pulley (optional)
- Electricity 380 volts +n+t
- Heat insulation equivalent to a value of 3.7 w/(sqm·k)
- Resistance to wind load class 2

FAST WALL: ADVANTAGES

- Minimum space occupied, the rigid surface neatly rolls up behind the door frame, without interfering with other spaces of the warehouse.
- The special joining knots between the parts reduce drastically thermal dispersion and allow an excellent adherence to the rigid surface during roll up movements.
- The surface is made of specially shaped insulated panels with a width of 20 mm which guarantee sturdiness and safety of the structure.
- A first class motor directly coupled on a big size shaft, is installed on the outside to enable maintenance operations and can be of two types: with constant speed or variable speed with INVERTER (applicable only for some sizes).
- Experience and Know-How make Kopron a reliable partner in working out special and customized solutions.



FAST WALL



The structure

- The side guides are made of galvanized steel sheet, duly shaped to allow easy sliding of the door as well as guaranteeing perfect sealing and wind resistance.
- The upper part of the structure is provided with a parachute device, the motor and a big size steel shaft where the door wraps around.

The characteristics of the rigid panel surface

- The surface is made of insulating panels 20 mm thick, made of pre-painted steel sheet with CFC-free expanded polyurethane - density 40Kg/m³, with a thermal insulation of 3,7 W/m²K.
- On the outside the door has an elegant and strong microribbed surface. In the inside the surface is smooth.
- Special nylon skids keep the surface well aligned to allow a perfect sliding of the side guides. (see detail in the photo)

Vision panels as an option

- Upon request you can insert vision panels made of aluminium profiles and transparent polycarbonate compact sheets. These vision panels are subdivided with aluminium inserts according to their width.

Motor characteristics

- Motoreducer for intensive use, with Inverter for speed control, supplied by top quality suppliers, directly coupled on the rolling shaft, and consisting of a high-efficiency self-braking electric motor with a special programmable limit switch screwed on the reducer with permanently lubricated worm-screws and has an emergency handle (with chain block if requested).
- The electronic limit switch can be digitally programmed directly from control box.
- Control box with electronic programming consisting of: display, door with up-stop-down button, opening/closing speed regulation. You can connect controls for traffic lights, safety systems, automatic shutter closing, partial opening, malfunction check tests, cycle counter with blocking device for assistance and maintenance.

Maximum safety

- You can also insert photocells, multiray barriers and safety edges.

Insulated surface:



Roll up rigid surface, little space needed.



Insulated surface, safety and robustness.



Rigid insulated external detail.

Colours:

We suggest not to use dark colours on doors exposed to sunrays, the slightest bending of the door would compromise functionality.

Standard colours:

-  White Aluminium
RAL 9006
-  Anthracite grey
RAL 7016
-  Upon request

Certifications:

Quality Management System
UNI EN ISO 9001 Certified
Factory Production Control
UNI EN 1090-1 Certified
Welding of Metallic Materials
UNI EN ISO 3834 Certified
Steel Processing Center N° 2533/13
Applicable Standard: UNI EN 13241-1



OPENING SYSTEMS



Open Door GSM: opening system by Kopron only a finger touch to open the door!



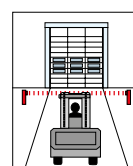
Opening/closing remote controller



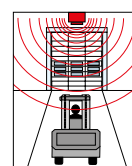
K-hands Free the innovative opening system.



Control panel for operating accessories and safety devices



Adjustable infrared photocells (in couple).



Led flashers (from a distance of 500m) of exclusive Kopron design.