

DYNAMICROLL®

DESCRIPTION

DYNAMICROLL® is a self-repairing roll up door designed to reach different kinds of applications, both internal and external, allowing the traffic flows and assuring high safety. Thanks to the special sliding system, that lets the curtain, without rigid elements inside it, come out from the guides, to protect itself in case of any impact during the operation of the door and allows it to reinsert after one cycle.

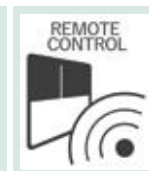
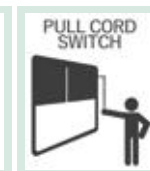
ADVANTAGES

- ✓ Self-repairing
- ✓ Rapid
- ✓ Sealing
- ✓ Noiseless
- ✓ No rigid elements inside the curtain for 100% safety
- ✓ Plug & play (easy to install)
- ✓ Low maintenance
- ✓ Energy savings

APPLICATION

Self-repairing Roll up door with zipper sliding system ideal for:

- ✓ Industry
- ✓ Large retailers
- ✓ Storage warehouses
- ✓ Productive laboratories
- ✓ Chemical
- ✓ Automotive
- ✓ Car wash
- ✓ Food industry



EN13241/CE

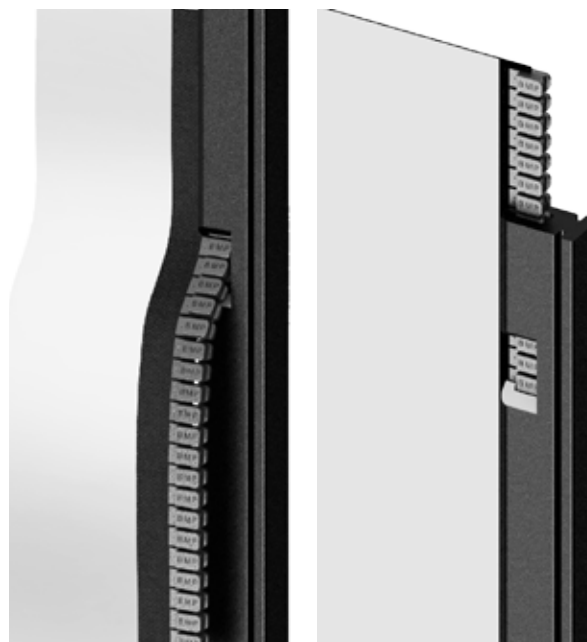
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
Wind load	EN 12424	EN 12444	Class 4
Wind permeability	EN 12426	EN 12427	Class 4
Safe openings	EN 12453	EN 12445	✓
Mechanical resistance	EN 12604	EN 12605	✓
Unintended movements	EN 12604	EN 12605	✓
Thermal transmittance	EN 12428	EN 12428	6,02 W/m²K
Performance (cycles)	EN 12604	EN 12605	1.000.000

VALUES CAN CHANGE DEPENDING ON DOOR DIMENSIONS

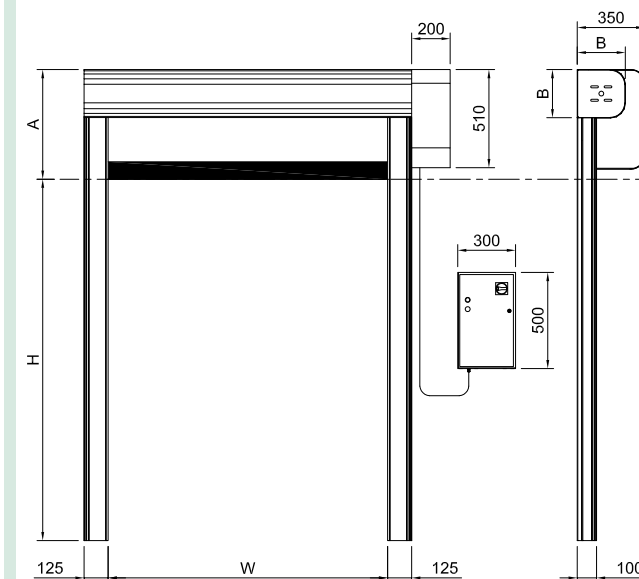
FEATURES	
Maximum dimensions	W 8000 mm x H 8000 mm
Speed	Max opening speed up to 2,5 m/s
	Closing speed 0,8 m/s adjustable
Wind resistance	3000 x 3000 Class 4 5000 x 5000 Class 3 7000 x 7000 Class 2 8000 x 8000 Class 1
Structure	Not self-supporting
Frame / motor cover hood	Standard: Galvanized Steel
	Optional: Powder coated Steel Stainless Steel 441/ 316
Curtain	Standard: PVC curtain 1300 gr/m ² , 6 W/m ² K
	Optional: Insulated 7 mm, 3,3 W/m ² k Translucent 35/40% FDA (white) Antistatic
Sliding system	Patented sliding system with high density Polyethylene self- lubricant equipped of sliding zipper directly on curtain.
Control panel	Standard: Powder coated steel box IP54 (300 x 500 x 150 mm)
	Optional: Stainless Steel PVC box IP65 (300 x 400 x 150 mm)
	Inverter system 50/60 Hz with absolute encoder
	Power supply 1-ph, 230V max 16A
	Power supply 3-ph, 400V max 10A
	Power supply 3-ph, 230V max 16A
	Star/Stop Button
	2 free contacts (door open/ closed/ allarme)
	Automatic/ Manual Interlocking between 2 doors
Wiring	IP rating for motor and control panel IP54
	Plug and Play system IP65

FEATURES	
Safeties	Standard: Photocells set IP65 Anti-jam sensor reverse WiFi safety edge IP65
	Optional: Multi ray light curtain barrier H2500 IP67
Emergency opening	Standard: Hand crank
	Optional: Chain system Counterweight system UPS Battery
Advising operative temperature	Operating till - 30° C * with heating kit added - Not apt to be installed in negative/positive temperature
Cycles (EN 12604)	1.000.000 (tested)

SLIDING SYSTEM / SELF-REPAIRING



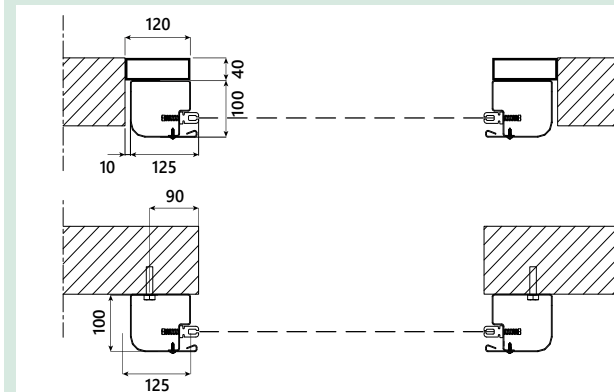
DOOR SPACE REQUIREMENTS



A: 450 / 550 / 650

B: 250 / 350

FIXING DETAILS



AVAILABLE COLOURS

Simil RAL 9010



Simil RAL 1015



Simil RAL 1003



Simil RAL 2004



Simil RAL 3002



Simil RAL 6026



Simil RAL 7042



Simil RAL 7037



Simil RAL 7035



Simil RAL 5012



Simil RAL 5002



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