

# Alumina

Self repositioning high speed digital roll-up door



# The design solution for internal and external intensive use in busy environments

Fast, safe, well-designed and innovative: Alumina is certified and cheaper than the traditional stainless steel door, suitable for interior and exterior and for busy crowded place. It can be installed more easily and faster than traditional high speed door, also transport charges are lower and this is an important advantage. The flexible curtain automatically, or with a simple manual operation, resumes its original position in the lateral tracks when the door is hit accidentally, thus reducing maintenance costs and time. The sliding system of the curtain guarantees perfect isolation between the exterior and interior, with total safety. Alumina is the new product you are waiting for!

- Really High speed. Up to 2,2 m/sec opening speed with new Digital controlled motor.
- Easy setting with digital control panel with Multilanguage Display.
- Certified and cheaper than the traditional stainless steel solution.
- It can be installed more easily and faster than traditional high speed.
- Transport charges are lower and this is an advantage for all our kit products.
- The flexible curtain automatically resumes its original position in the lateral tracks when the door is hit accidentally, thus reducing maintenance costs and time.
- Integrated Light Curtain for a safe use. Certified safety system that avoid accidental contact with closing curtain.
- The sliding system of the curtain guarantees perfect isolation between the exterior and interior.
- Curtain and windows can be customized to satisfy customers requirements and the characteristics of the installation site.

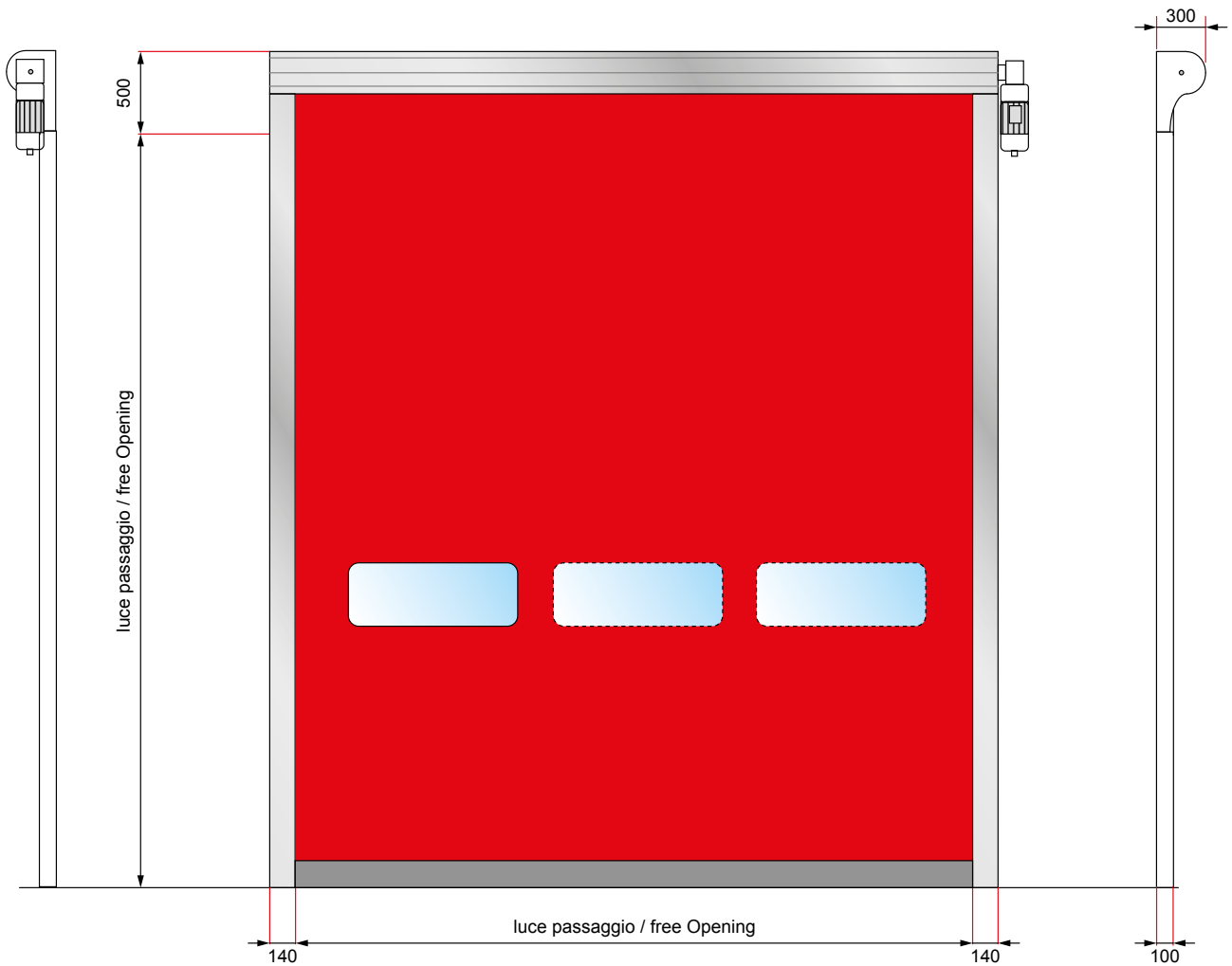
## MAIN FEATURES FOR INSTALLATION

- State of the art Electronics. Integrated active lights barrier for safety.
- Plug and Play system, once installed the door and clamped the connectors only a parameter adjusting in the control box is needed.
- Industry standard made in Europe components. Mechanical, electrical and electronics are made in Europe from selected suppliers for the best performance and reliability.
- Easy fitting with state of the art digital control panel with Multilanguage Display to control and adjust every device and door operation.

## MAIN FEATURES AND TECHNICAL SPECIFICATIONS

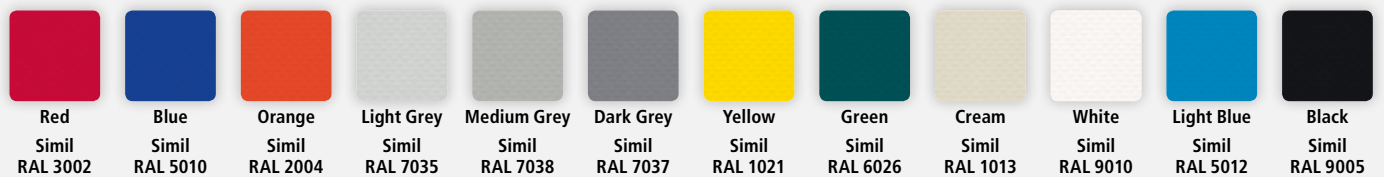
<b>Structure</b>	Standard Aluminium Anodized
<b>Dimension Clear Passage</b>	5000 x H 4000
<b>Opening Speed</b>	Up to 2,2 m/sec (adjustable) – Soft Start & Soft Landing
<b>Closing Speed</b>	0,8 m/sec (adjustable) – Soft Start & Soft Landing
<b>Wind Load</b>	UNI EN 12-424 Class 2
<b>Main supply</b>	230V AC single phase
<b>Curtain</b>	Polyester curtain extra strong 900 gr/sqm self extinguishing class 2. ZIP type side sliding system without rigid bar. One vision windows row standard (additional rows as option). Special windows upon request.
<b>Insulated curtain</b>	Optional Insulated curtain 3mm thickness. Acoustic insulation average 17,5 db (noise spectrum 100-3150Hz). Thermal insulation 3,7K with condensate reduction.
<b>Motor</b>	Motor unit Inverter type 1KWatt Easy precabled with plugs, Digital Encoder.
<b>Control Panel</b>	Digital controller with Multilanguage Display for easy setting, speeds management, Open/Stop/Close buttons, 4 operating modes, Pedestrian opening and Passage Detection. Programmable output relais. Service management with historic events record. Fully programmable with front panel buttons and alphanumeric Display. LED flashing beacon light.
<b>Limit switch</b>	Standard Digital Encoder (absolute encoder)
<b>Safety</b>	Self exclusion Active light curtain (active infrared). Integrated in the structure. UNI EN12-453
<b>Manual operation</b>	Standard manual opening/closing with long handle. Optional UPS Battery pack for automatic opening in case on main power failure.
<b>Certification</b>	UNI EN 13241-1 Compliant

Self repairing high speed roll up door "Alumina"



Width (W)	Windows number
Up to 2300	1 (1100 x H 300)
2300 to 3200	2 (850 x H 300)
3200 to 4500	3 (850 x H 300)
over 4500	4 (850 x H 300)

Curtains - Standard available colours



OTHER COLOURS UPON REQUEST



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