



RAPID DOOR **Alumina**

Industrial high speed door



What is it?

A rapid door built with modular extruded aluminum structure to facilitate shipping and assembly on site. Designed to reach economically places that have difficulties in receiving and/or installing.

Speed › Speed opening up to 2.0 m/s

Wind resistance › Class 2 *

* up to Class 4 avoiding the self-repairing of the door

Overview ↗



Main features

Easy to find

This type of rapid door being composed of an extruded aluminum profile structure, both for horizontal and vertical uprights, remains highly versatile in the case of accidental damage as the availability of the selected profile is always searchable on the market unlike structures at folded specially.

Beautiful and stainless.

In addition to being extremely light, aluminium also offers excellent oxidation resistance. This material enjoying a very thin layer of oxide prevents oxygen from corroding the underlying metal while also giving it the particular aesthetics of the characteristic silver metal.

Compact design

The self-repairing door with an attractive design with quick winding. Lightweight, innovative and compact structure.

Alumina self-repairing doors have been designed with an innovative extruded aluminum profile ensuring greater ease of transport and assembly.



Features

Durable
Designer
Modular
Easy installation
Reduced cost
Recyclable

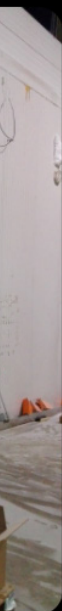
Used mainly to

Small laboratories
Storage rooms
Offices

Recommended
for

Food industry
Pharmaceutical industry
Cosmetics company

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So, who's it meant for?

ZipGO Alumina is a project designed to meet different types of needs: rapid transits between two environments, quick installation, refined aesthetics and versatility of repair thanks to its modularity. The flexible rapid door ZipGO Alumina is able to be installed in as soon as ~60' by unqualified operators or by the same companies that purchased it.

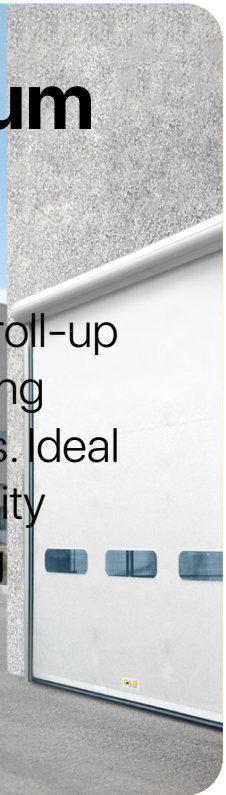


But isn't aluminium ductile?

Yes, and that's why all our ZipGO Alumina structures are treated with the anodizing process that applies an artificial oxide coating to the metal alloy. Therefore, the oxide covers the surface of the aluminium giving it a greater resistance against atmospheric agents, stains, scratches and bumps.

Anodized aluminum frame

The Alumina industrial door is a roll-up door equipped with motor housing and anodized aluminium barriers. Ideal for companies looking for reliability and simplicity without sacrificing design.



Attractive design

Thanks to the process of colored anodic oxidation, we can improve the characteristics of the aluminized surfaces of the structure, obtaining particular decorative effects through the coloring of the base material.

Therefore, also the structure of ZipGO Alumina is able to become harmonious not only with the cloth but with the external elements that make up your environment.

Easy to install

The modular configuration also provides another great feature for this rapid door, namely ease of installation. Just as if it were a game to be played, ZipGO Alumina, is very simple to assemble on site in order to unleash its effects as soon as possible.

Modular

Our designers have carefully selected the commercial profiles in order that the structure could be considered as versatile* as possible against the use by the end customer.

* a great modularity and a continuous availability in warehouse is what best represents this project able to grant a faster substitution in case of structural damage.

Reduced cost

Both the cross housing and the uprights, being formed by extruded profiles of standard size, produce a packaging as optimized as possible. Even being the most expensive aluminum steel, being already extruded upstream, the processing process for the transformation into the "door" product has extremely low costs.

Recyclable

Aluminium has optimal characteristics for recycling: it can be 100% recycled and endlessly reused, to give life to new products every time. All the aluminum produced in our country comes from recycling and does not differ in any way from that obtained from the original mineral because the fundamental characteristics of the metal remain unchanged.



Highly resistant

This version of ZipGO Alumina self-repairing quick door has been designed with the intent to give maximum durability to the use, considering both the possible accidental damage by operators at work and other external agents.

Another aluminum.

Tested to withstand

Stains

Scratches

Corrosion

Operational impact

STRUCTURE

Cross-beam	Standard
	Without carter
	A richiesta
	Anodized aluminium carterization with partial cylindrical shape section, anodized aluminium carterization with total cylindrical shape section
Lateral uprights	70/80 mm anodized aluminium
Motor cover	Anodized aluminium
Sliding	Self-lubricating side hinge without rigid bars

COVERING

Double-sided PVC ripstop fabric	Standard
	Choice of colours weighing 950 gr/m ²
	On request
	Insulated 7 mm (3.3 W/m2 k), Translucent 35/40%, FDA White, Antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 2 m/s	Closing > 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	IP54 painted steel frame (300 x 500 x 130 mm)	
Components and features	Emergency stop button	
	Door lock disconnecter	
	Single phase inverter with max power 2.2 kW	
	Three-phase control inverter with max power 4 kW	
	M8/M12 IP65 connector wiring	
	Display of status/errors display	
	Relay location	
	Compass functions	
Main supply	230V AC single phase	

TEST

Standard UNI EN 13241/CE

Wind resistance	Ref.s EN 12424, 13241/CE	Class 2 *
Wind speed with moving door	-	< 20 m/s (60 km/h)
Standard soundproofing	ISO 170	15 dB Rw
Water resistance	Ref. EN12426	0.11 kPa for closed door – Class 3
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles, > 200 cycles/hour

* the tests have been performed specifically on this version of ZipGO Alumina. It is possible to improve the wind resistance up to Class 4.

Operating temperature > – 10 C°+ 70°C [...]

[...] SAFETY

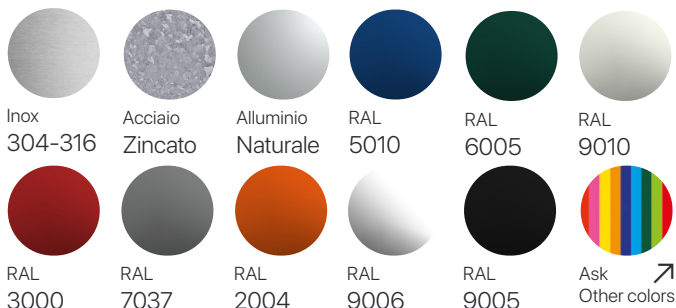
Components

Standard
Pair of Costa resistive safety sensors IP65
On request
Multi-beam barrier H 2500 IP67

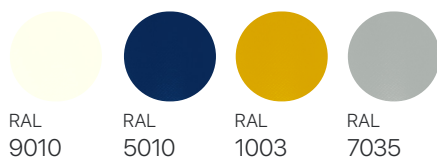
Emergency opening

Standard
Crank release
On request
Counterweight system, chain release

Types and colors structure (RAL)



Colors PVC fabric (RAL)



A banner for the 'Account' login. It features a stylized 'G' logo with an arrow pointing to the right. The text 'Account' is prominently displayed in a large, bold, black font. Below it, the text 'Login to your account for download the .dwg' is written in a smaller, black font. The background of the banner shows a technical drawing of a door or window frame with various dimensions and labels. A person wearing a hard hat and holding a tablet is standing next to the drawing. The dimensions shown include 'Max. Height', 'Clear opening', 'Max. Width', 'Total size', and 'Clear opening'.

Account

Login to your account for
download the .dwg



Be a part of us

Account

Remember that on our portal you can always take advantage of a number of useful features for your future logistics purchases.

www.glgdoors.com

