
Closures,
industrial /
and residential
coverings



apostolidaniele

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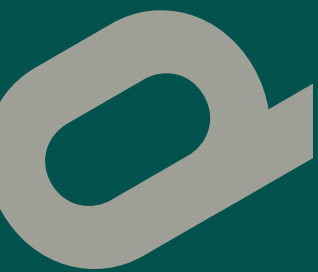
Apostoli Daniele deals with conception and realization of industrial closures and covers, with the purpose to protect the structures in which they are installed, optimizing the performances of light, air, and heat.

Since 1959, Apostoli Daniele has been offering to customers a wide selection of products in order to complete private, public and industrial spaces. Born with the production of venetian blinds, today it also offers a wide choice of curtains and home coordinates technical blinds, awnings and sectional garage doors.

/In the Montirone plant, production processes are developed according to rigorous standards that allow to achieve very high-quality results, customised on customers' requests, who receive made-to-measure products, with a very high technological content and controlled with the utmost precision.



Industrial closures



Industrial closures represent the ideal solution for the management and protection of access gates or for the separation of commercial and industrial buildings.

There are different types of doors, each suitable for specific contexts according to particular peculiarities and performance. The proposal occurs always following a careful needs evaluation, offering a professional and tailored advice.

Our solutions /

Rapid doors **6/**

Flap doors **46/**

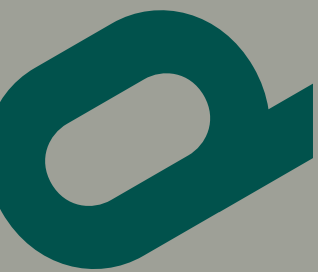
PVC partitions **52/**

Folding and sectional doors **58/**

Shutters **72/**

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Rapid doors /



Rapid doors offer a good level of insulation and protection of the gates that need frequent daily openings. They are characterized by the high activation speed of the curtain.



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R13

High-speed PVC roll up door for industrial spaces.



specifications/

Application
inside/inside

C pillars
in press-bending plate in galvanised steel

Crossbeam
made with tubular steel

Curtain
self-extinguishing PVC class II, high resistance for weight and texture, PVC rubbed

Windows
windows or visibility stripes

Optional
slatted curtain

opening systems/

Metal detector
automatic opening command with magnetic loops metal mass sensor

Radar
opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need

Remote control
transmitter-operating range from 80 to 100 meters

security systems/

The passage control is managed and controlled in safety through one photocell with reflector. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm UNI EN 13241.

motor control/

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 0,37 kW
Single speed gear motor installed outside the crossbeam (in view motor) coverings as option

technical details/

Opening/closing speed
0,7 - 1,0 m/s
Resistance to curtain tears
3000 N/5cm
Max. Dimensions
5000x5000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

finishing/





Mavifood

/ auto-repair & anti-damage

High-speed PVC roll up door for the separation of the industrial spaces for the food industry.

specifications/

Application
inside/inside

Crossbeam
in press-bending plate in galvanised steel, sloping and finalised to the washing with water jet in order to avoid its stagnation

Pillars
in press-bending plate in galvanised steel, stainless steel on demand

Curtain
self-extinguishing PVC class II, anti UV and anti mould, stiffened by composite tubes

Auto-repair
the open rails allow the automatic curtain reinsertion in case of coming out

Anti-damage
the flexible rails and tubes avoid permanent damages to the curtain and structure

Windows
windows or visibility stripes

Optional
slatted curtain

motor control/

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 0,37
Single speed gear motor installed integrated into the crossbeam

opening systems/

Metal detector
automatic opening command with magnetic loops metal mass sensor

Radar
opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need

Remote control
transmitter-operating range from 80 to 100 meters

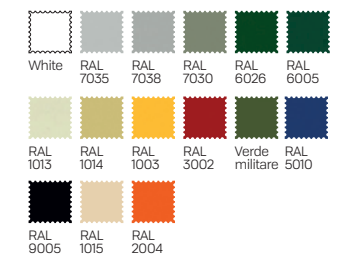
security systems/

The passage control is managed and controlled in safety through two transmitting photocells (one for each door side) and two receiving ones with amplifier. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm **UNI EN 13241**.
NO TOUCH SECURITY SYSTEM

technical details/

Opening/closing speed
0,7 - 1,0 m/s
Resistance to curtain tears
3000 N/5cm
Rails min. traction resistance
45.000 N
Max. Strength on primary edge
UNI EN 13241
Max. Dimensions
4000x4000 mm
Doors according to the Norm
UNI EN 13241

finishing/



AD



/ auto-repair & anti-damage

High-speed PVC roll up door for the separation of the industrial spaces and for the closure of the openings in façade.

specifications/

Application
inside/inside, inside/outside

Pillars and crossbeam
in press-bending plate in galvanised steel, RAL or stainless steel on demand

Curtain
self-extinguishing PVC class II, anti UV and anti mould, stiffened by tubes

Auto-repair
the open rails allow the automatic curtain reinsertion in case of coming out

Anti-damage
the flexible rails and tubes avoid permanent damages to the curtain and structure

Windows
windows or visibility stripes

Optional
slatted curtain, semi-automatic counterweight

motor control/

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 0,37 a 0,75 kW
Single speed gear motor installed integrated into or outside the crossbeam

opening systems/

Metal detector
automatic opening command with magnetic loops metal mass sensor

Radar
opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need

Remote control
transmitter-operating range from 80 to 100 meters

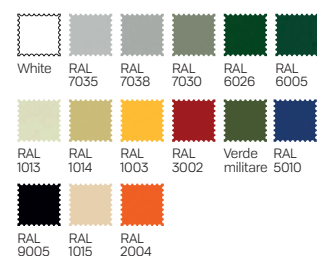
technical details/

Opening/closing speed
0,7 - 1,0 m/s
Resistance to curtain tears
3000 N/5cm
Resistance to pressure difference
50.000 N
Rails min. traction resistance
CL 2
Max. Inside dimensions
6000x6000 mm
Max. Outside dimension
5000x5000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

security systems/

The passage control is managed and controlled in safety through two transmitting photocells (one for each door side) and two receiving ones with amplifier. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm **UNI EN 13241**.
NO TOUCH SECURITY SYSTEM

finishing/



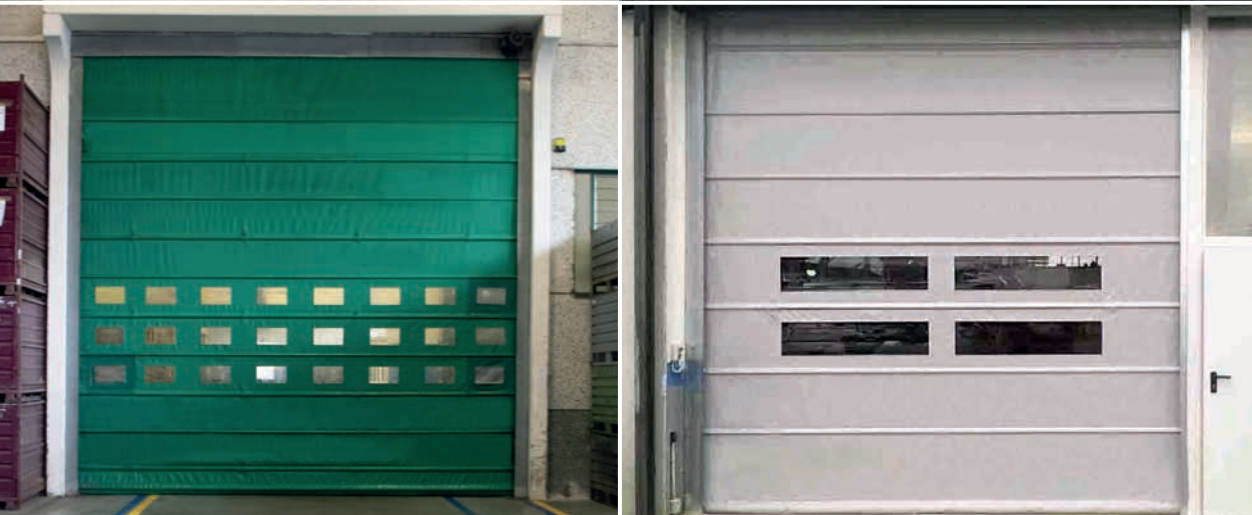
F30

/ manual-repair & anti-damage

High-speed PVC fold up door with anti-damage system for industrial spaces

specifications/	opening systems/	security systems/																		
<p>Application inside/inside, inside/outside</p> <p>Pillars and crossbeam in press-bending plate in galvanised steel, RAL or stainless steel on demand</p> <p>Curtain self-extinguishing PVC class II, anti UV and anti mould, stiffened by tubes</p> <p>Anti-raising system composed by two security photocells that block the door in case the raising belts accidentally hook one person or one object. Norm UNI EN 13241-1</p> <p>Manual-repair the flexible rails avoid tubes damages allowing a manual curtain reinsertion in case of coming out</p> <p>Anti-damage the flexible rails avoid permanent damages to the structure</p> <p>Finestratura windows or visibility stripes</p> <p>Optional slatted curtain, sound-absorbing curtain, semi-automatic counterweight</p>	<p>Metal detector automatic opening command with magnetic loops metal mass sensor</p> <p>Radar opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need</p> <p>Telecomando transmitter-operating range from 80 to 100 meters</p>	<p>The passage control is managed and controlled in safety through two transmitting photocells (one for each door side) and two receiving ones with amplifier. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm UNI EN 13241. NO TOUCH SECURITY SYSTEM</p>																		
	<p>motor control/</p> <p>Nominal installation power 400V / 3+T Frequency 50 Hz Motor power from da 1,5 a 2,2 kW Single speed gear motor installed outside the crossbeam under the cover.</p>	<p>technical details /</p> <p>Opening/closing speed 0,6 m/s Resistance to curtain tears 3000 N/5cm Resistance to pressure difference CL II 20.000 N Rails min. traction resistance CL 2 Max. Inside dimensions 8000x8000 mm Max. Outside dimensions 7500x7500 mm Max. Strength on primary edge UNI EN 13241 Doors according to the Norm UNI EN 13241</p>																		
	<p>finishing/</p> <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RAL 1013</td> <td>RAL 1014</td> <td>RAL 1003</td> <td>RAL 3002</td> <td>Verde militare</td> <td>RAL 5010</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							RAL 1013	RAL 1014	RAL 1003	RAL 3002	Verde militare	RAL 5010							
RAL 1013	RAL 1014	RAL 1003	RAL 3002	Verde militare	RAL 5010															





μ

E12

High-speed PVC fold up door for industrial spaces.

specifications/

Application
inside/inside, inside/outside

C Pillars
variable section, in press-bending plate in galvanised steel

Crossbeam
made with a steel tube and closed under a press-bending plate cover

Curtain
self-extinguishing PVC class II, high resistance for weight and texture, PVC rubbed, stiffened by metal tubes

Anti-raising
system composed by two security photocells that block the door in case the raising belts accidentally hook one person or one object.
Norm UNI EN 13241

Windows
windows or visibility stripes

Optional
slatted curtain,
sound-absorbing curtain

opening systems/

Metal detector
automatic opening command with magnetic loops metal mass sensor

Radar
opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need

Remote control
transmitter-operating range from 80 to 100 meters

security systems/

The passage control is managed and controlled in safety through two photocells. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm UNI EN 13241.

motor control/

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 0,37 a 0,75 kW
Gear motor with perpendicular axle to the crossbeam

technical details/

Opening/closing speed
0,4 m/s
Resistance to curtain tears
3000 N/5cm
Max. Dimensions
5000x5000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

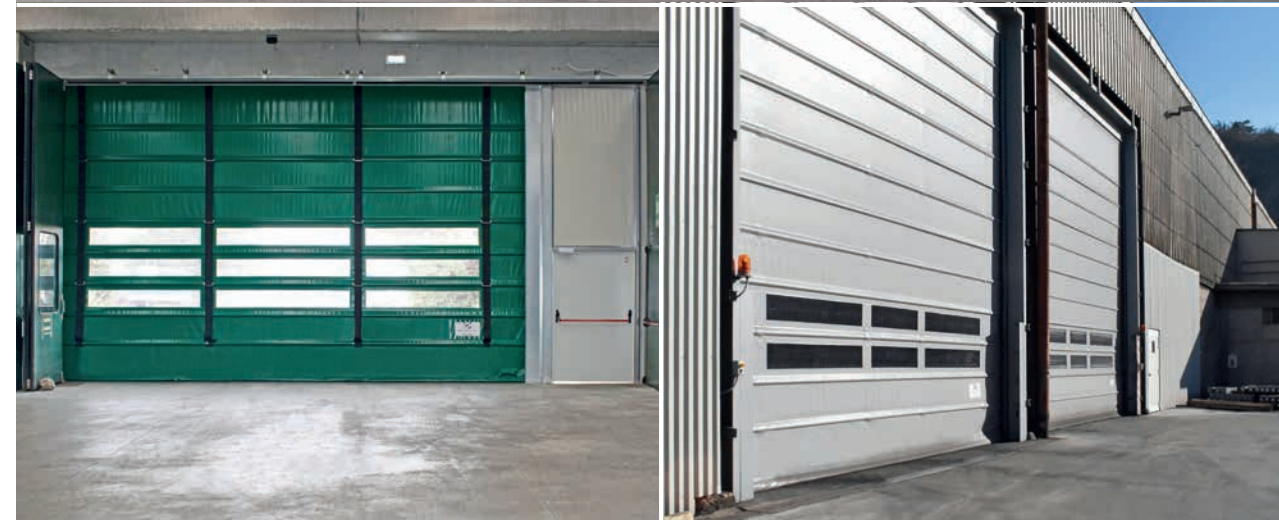
finishing/

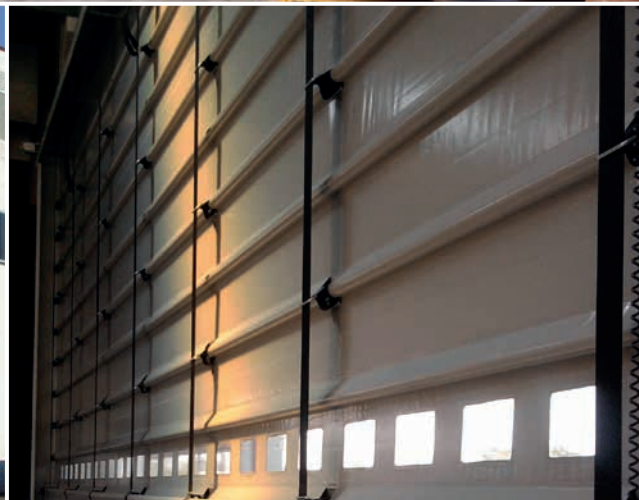


E13

Big high-speed PVC fold up door for industrial spaces.

specifications /	opening systems/	security systems/
<p>Application inside/inside, inside/outside</p> <p>C Pillars variable section, in press-bending plate in galvanised steel</p> <p>Crossbeam made with a steel tube and closed under a press-bending plate cover</p> <p>Curtain self-extinguishing PVC class II, high resistance for weight and texture, PVC rubbed, stiffened by metal tubes</p> <p>Anti-raising system composed by two security photocells that block the door in case the raising belts accidentally hook one person or one object. Norm UNI EN 13241.</p> <p>Windows windows or visibility stripes</p> <p>Optional slatted curtain, sound-absorbing curtain</p>	<p>Metal detector automatic opening command with magnetic loops metal mass sensor</p> <p>Radar comando di apertura per porte opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable</p> <p>Remote control transmitter-operating range from 80 to 100 meters</p>	<p>The passage control is managed and controlled in safety through two photocells. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm UNI EN 13241.</p>
motor control/	technical details/	finishing/
<p>Nominal installation power 400V / 3+T Frequency 50 Hz Motor power from da 0,75 a 1,1 kW Gear motor with perpendicular axle to the crossbeam. Two motors if requested by the dimensions</p>	<p>Opening/closing speed 0,4 m/s Resistance to curtain tears 3000 N/5cm Max. Dimensions 8000X8000 mm Max. Strength on primary edge UNI EN 13241 Doors according to the Norm UNI EN 13241 Resistance to pressure difference CL 2</p>	





Dapbig

High-speed PVC fold up door for big openings.

specifications /

Application
inside/outside

C Pillars
in press-bending plate in galvanised steel, RAL on demand

Crossbeam
electro-welded self-supporting carpentry structure closed under a steel cover that supports the drive shaft for the curtain traction

Curtain
self-extinguishing PVC class II, anti UV and anti mould, stiffened by tubes

Anti-raising
system composed by two security photocells that block the door in case the raising belts accidentally hook one person or one object. (Norm UNI EN 13241). Security belts to avoid the sudden curtain fall

Windows
windows or visibility stripes

opening systems/

Metal detector
automatic opening command with magnetic loops metal mass sensor

Radar
opening command for industrial doors. It detects both people and vehicles on surfaces from 1 to 20 square meters, adjustable according to need

Remote control
transmitter-operating range from 80 to 100 meters

Optional
slatted curtain,
sound-absorbing curtain

security systems/

The passage control is managed and controlled in safety through two transmitting photocells (one for each door side) and two receiving ones with amplifier. Mobile protection device on the closing edge consisting of a sensitive resistive strip that in case of contact transmits via radio with the control unit. In case of accidental impact, it determines the arrest and the immediate reopening as required by the Norm UNI EN 13241. NO TOUCH SECURITY SYSTEM

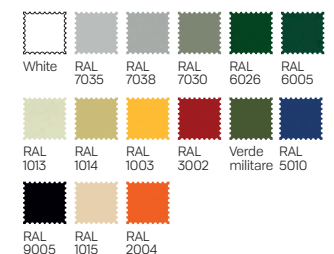
motor control/

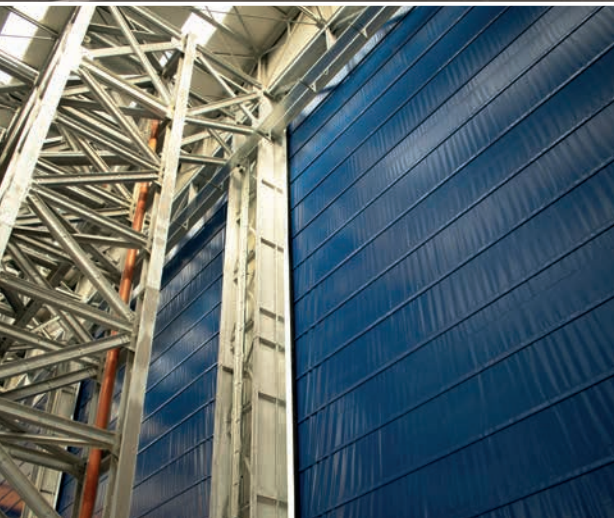
Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 1,5 a 2,2 kW
Gear motor/motors with perpendicular axle to the crossbeam. Two motors if requested by the dimensions

technical details/

Opening/closing speed
0,2 m/s
Resistance to curtain tears
3000 N/5cm
Rails min. traction resistance
50.000 N
Max. Dimensions
15000x8000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

finishing/





Sail door

High-speed fold-up door with high performance, wind resistant up to class 5 of the Norm EN12424, suitable for big dimensions.

specifications/

Application
inside/outside

Pillars
cold galvanized steel beams with covering in press-bending plate

Crossbeam
not mechanised with the only aim to support the cloth

Curtain
self-extinguishing PVC class II, stiffened by steel cables

Windows
windows or visibility stripes

optional/

neumatic or oleo-dynamic for ATEX zones
soundproofing cloth
REVERSO system
anti-intrusion cloth
automatic opening

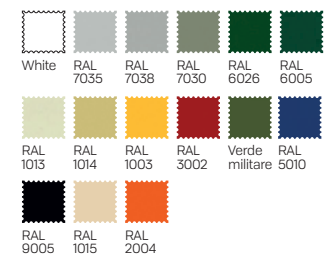
motor control

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power proportioned to the door dimension.
Gear motors placed on the floor

technical details/

Opening/closing speed
0,4 m/s
Resistance to curtain tears
3000 N/5cm
Max. Dimensions: custom-built
on project
Doors according to the Norm
UNI EN 13241
Resistance to pressure difference
CL 5

finishing/



Arella



Special door consisting of a roto-translating curtain collection system without supporting pillars of the structure and of the crossbeam. It allows the management of the spaces logistic partition without intervening on changes to the side areas of the door.

specifications/

Application
inside/inside

C Pillars
variable section, in press-bending plate in galvanised steel

Crossbeam
realised with a steel tube

Curtain
self-extinguishing PVC class II, anti UV and anti mould stiffened by tubes

Optional
windows or visibility stripes

opening systems/

dead-man

motor control/

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 0,75 a 2,2 kW
Gear motor with perpendicular axle to the crossbeam.
Two motors if requested by the dimensions.

technical details /

Opening/closing speed
0,2 m/s
Resistance to curtain tears
3000 N/5cm
Max. Dimensions:
40.000X10.000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

finishing/



Reverso

Reverso model permits to manage the curtain opening from the top to the bottom, favoring industrial processes that mainly require superior access.

Specifications/

Application

inside/inside, inside/outside

C Pillars

variable section, in press-bending plate in galvanised steel

Crossbeam

made with a steel tube and closed under a press-bending plate cover

Curtain

self-extinguishing PVC class II, anti UV and anti mould stiffened by tubes

Anti-raising

system composed by two security photocells that block the door in case the raising belts accidentally hook one person or one object.
Norm **UNI EN 13241**

Windows

windows or visibility stripes

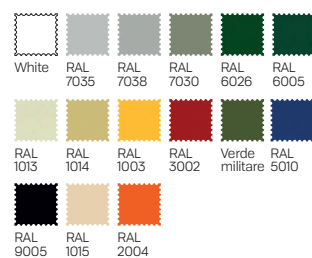
motor control

Nominal installation power
400V / 3+T
Frequency
50 Hz
Motor power from
da 1,5 a 2,2 kW
Gear motor with perpendicular axle to the crossbeam.
Two motors if requested by the dimensions.

technical details/

Opening/closing speed
0,2 m/s
Resistance to curtain tears
3000 N/5cm
Rails min. traction resistance
50.000 N
Max. Dimensions
15000x8000 mm
Max. Strength on primary edge
UNI EN 13241
Doors according to the Norm
UNI EN 13241

finishing/



FIRE PROTECTION

/ roll-up fireproof curtain

Fire and smoke proof curtain REI 60 and 120 with double curtain, ready to divide spaces in case of fire, ensuring fire resistance and temperature insulation up to 120 minutes.

specification/	opening system/	security systems/
<p>Class REI 60 / REI 120</p>	<p>vertical descent, simultaneous in case of alarm</p>	<p>mergency generator in case of power lack. smoke sensors. integrated siren.</p>
<p>Pillars in press-bending chamber in galvanised steel, RAL or stainless</p>		
<p>Crossbeam realised with crankcase in galvanised press-bending steel to protect the internal wrapping roll</p>		
<p>Curtain double in glass fibre with reinforcement in metallic stainless steel net and silicone covering</p>		
<p>Curtain weight lower than 2,3 kg / sqm</p>		

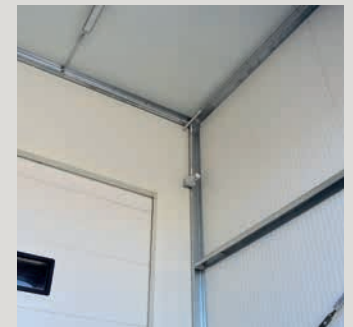
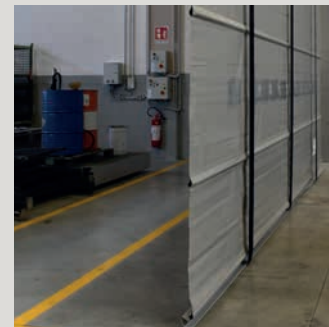
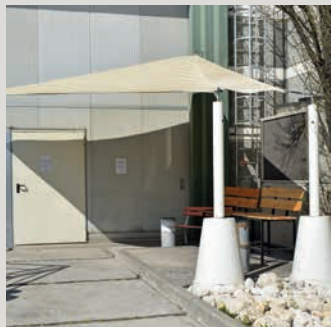
finishing/



Special solutions designed by engineering & service department

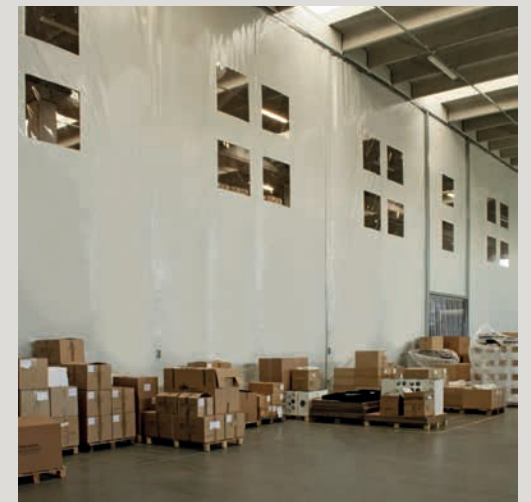
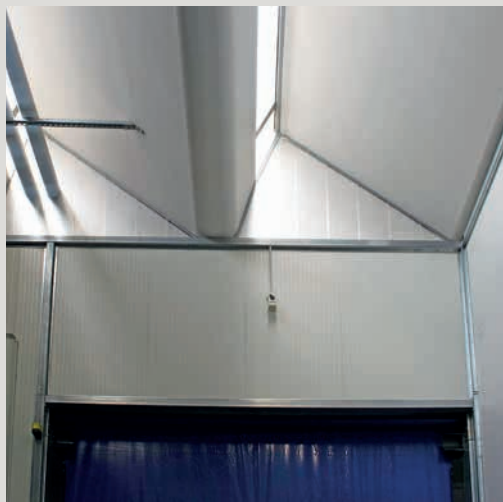
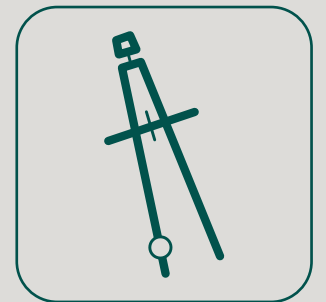
Thanks to Engineering&Service dpt., we respond promptly and decisive to customers' need or problems. From 1959 to today, Apostoli Daniele has become the sector representative to entrust the study of solutions for technical problems and coverings.

/Thanks to Engineering&Service dpt., we respond promptly and decisive to customers' need or problems. From 1959 to today, Apostoli Daniele has become the sector representative to entrust the study of solutions for technical problems and coverings. The design dpt. combines the artisanship of our workers with the production needs on an industrial scale, responding in this way to the exacting market requirements. The result is tangible in some special works, thanks to which it has been possible to contribute to the best industrial logistic management.



Custom made

We design and create products able to compartmentalize work areas. Our design skills allow us to respond to the needs of workers and work zones protection within the production plants.

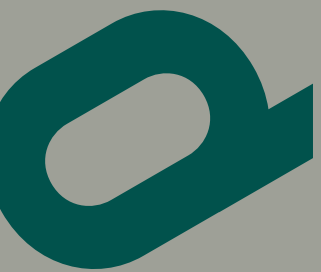


Flap doors/

Flap doors are mainly used in shops, supermarkets or production plants of the food factor in order to compartmentalize spaces with different uses.



Flap inox 48 /
Dapleaf 50 /



Flap inox

Flip flap door with rigid shutters with push opening and return by means of a spring. Suitable for spaces for food use or supermarkets.

specifications/

Structure

shutter covered in stainless steel AISI 304 plate, composed by a structure in metallic bar in stainless steel AISI 304 shaped according to the doors dimensions and honeycombed with polystyrene

Application

inside/inside

Optional

oval or round windows

opening system/

Pushing

Activation through pushing opening, spring return in closing. Available with three resting position: 0°, + 90°, and -90°. Intermediate opening edges are brought to the resting position back by the over mentioned spring.

finishing/



Inox





Dapleaf

Flip flap door with flexible shutters suitable for easy and rapid solutions.

specification/

Application
inside/inside

Structure
bar in galvanised steel, painted or stainless steel on demand

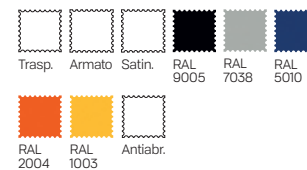
Cloth
flexible transparent PVC, base in different colours on demand

opening systems/

Impact
impact opening, spring return in closing, 2-way passage with a stroke at 90°

Contact
opening system through pushing. The pressure on the shutters starts an activator placed on the pneumatic piston that determines the door opening.

finishing/



PVC dividers /

Pvc dividers are designed to compartmentalize different spaces in an easy and functional way.



Dapstrip 54 /
Cloths 56 /



Dapstrip

The strips closure is a basic product to divide or protect different spaces allowing the passage.

specification/

Application
inside/inside - inside/outside

Profiles
customizable structure in press bending galvanised steel, RAL painted or stainless steel on demand.

Strips
in transparent PVC, standard colours on demand. Thickness 2X100 mm, 2X200 mm, 3X300 mm, 4X400 mm

Optional
low temperature version suitable for the installation in refrigerating rooms
Anti-UV EN 1598
Anti-insects

types/

laterally sliding
(manual or pneumatic)

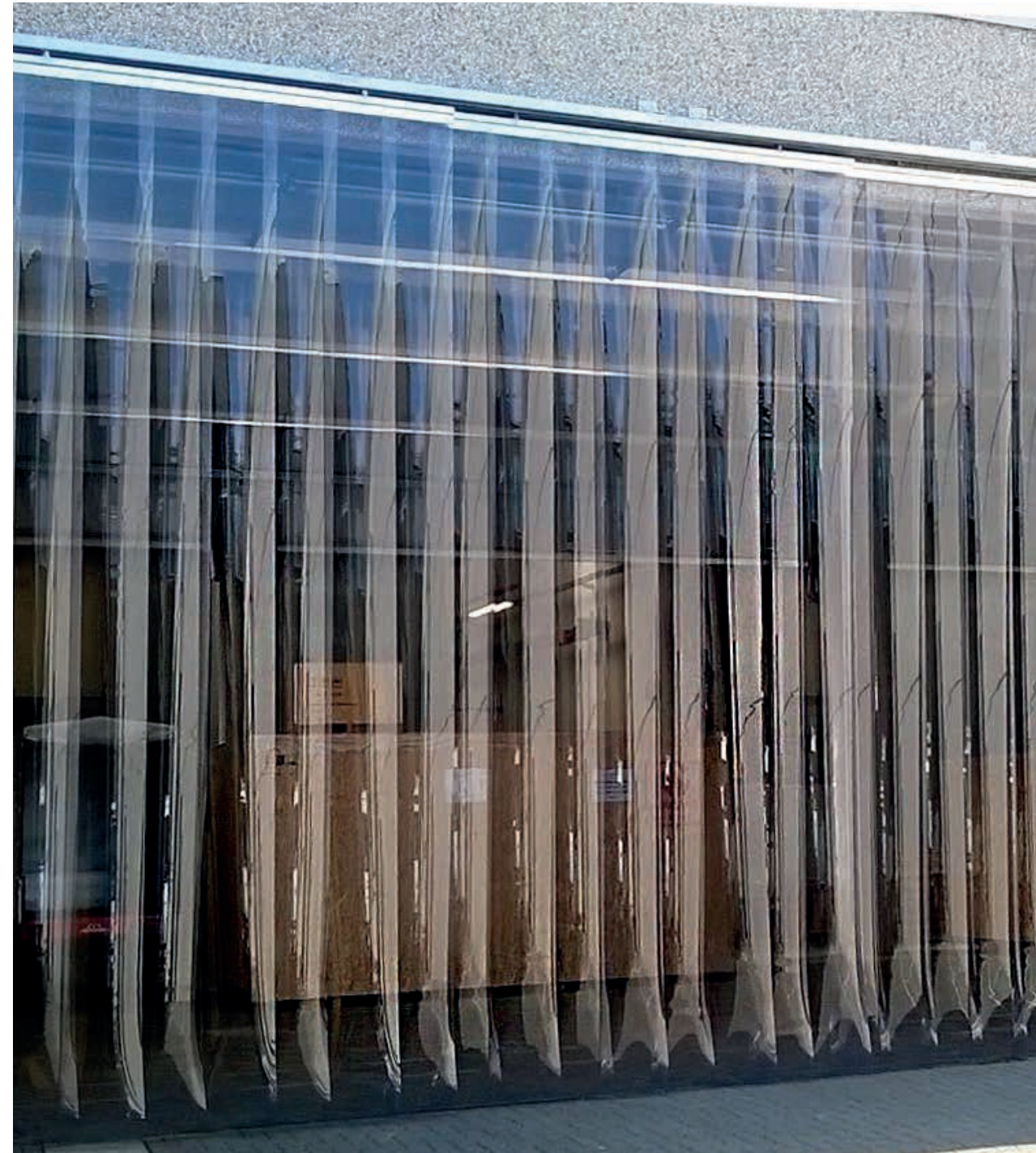
fixed

oscillating

attachable

sliding on a curved rail

finishing/





Dividers cloths

The dividers cloths are the most suitable solution to divide in an efficient way different spaces also with irregular geometries.

specification/

Application
inside/inside inside/outside

Structure
project-based

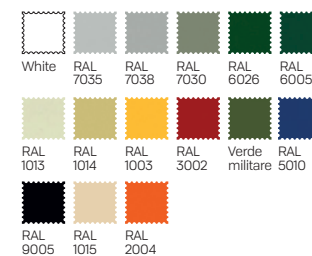
Cloth
flexible PVC

Optional
reinforcing bars to increase the wind resistance

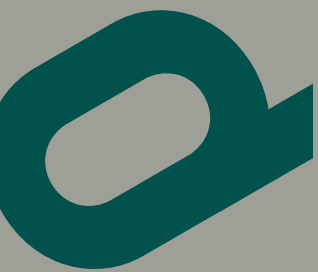
opening systems/

manual
project-based

finishing/



folding and sectional doors/



The folding doors are suitable for the closing of big industrial and commercial openings. Thanks to their folding or dragging types, they need little space for the panels' shelter when the door is open.



Folding doors 60 /
Industrials 62 /
Thermo 64 /
Curtain dock shelter 66 /
Cushion dock shelter 67 /
Manual leveller 68 /
Hydraulic leveller 69 /
Dock house 70 /
Wheel lock 71 /

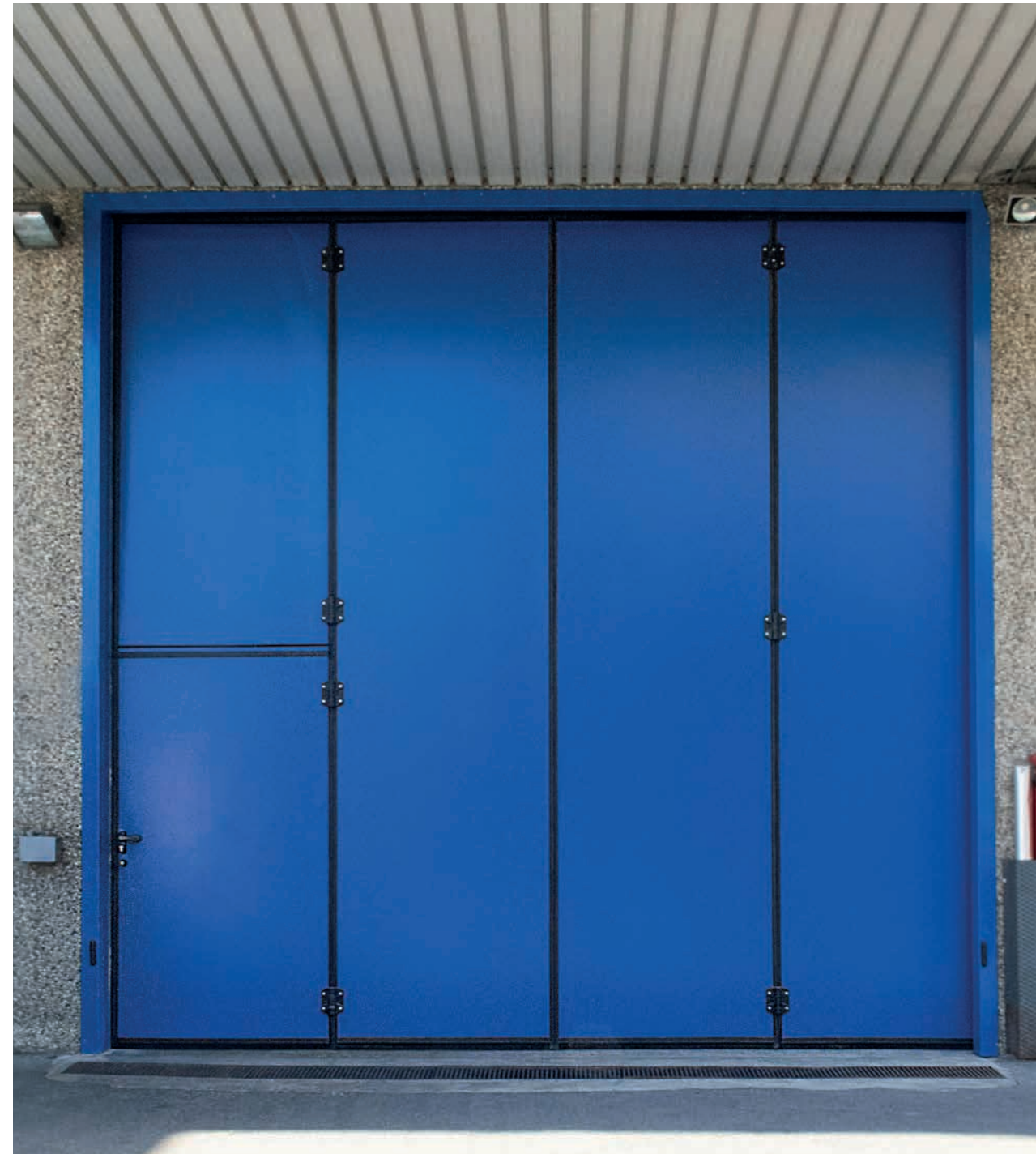
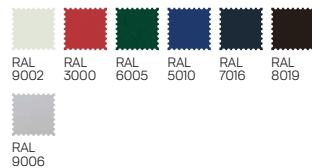
Folding doors

Doors with min. amount of space suitable for industrial spaces with big openings.

specification/	opening system/	security systems/
<p>Application inside/outside</p>	<p>manual motorised</p>	<p>The passage control is managed and controlled safely by a pair of photocells. Mobile protection device on closing edge, consisting of a strip that is resistive and sensitive to the contact that transmits via radio with the control unit. In case of accidental impact, it determines the stop and immediate reopening as provided by UNI EN 13241.</p>
<p>Insulating frame thanks to their particular folding frame, they guarantee an optimal thermal insulation level.</p>		
<p>Seals the lateral gaskets applied through the panels seal from wind, rain, humidity, assuring protection against fingers crushing</p>		
<p>Shutters realised with a perimetral internal frame in 50*50*2 mm profile, galvanised and covered both side by a pre-painted galvanised plate</p>		
<p>Headroom reduced folding system with panels packed 90° or 180°</p>		

Optional
internal wicket pass door
windows
ventilation grills

finishing/





Sectional industrial door

Door suitable for industrial spaces with reduced headroom and high performances.

specifications/

Application
inside/outside

Panels
40 mm thick, 60 mm anti-pinch system realised in pre-painted steel plate 0,5 mm thick and insulated with polyurethane foam; rails in galvanised steel equipped with shaped seals

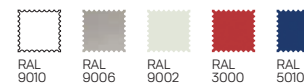
opening system

manual
motorised

security systems/

The passage control is managed and controlled safely by a pair of photocells. Mobile protection device on closing edge, consisting of a strip that is resistive and sensitive to the contact that transmits via radio with the control unit. In case of accidental impact, it determines the stop and immediate reopening as provided by **UNI EN 13241**.

finishing/



Sectional thermo door

Door suitable for industrial spaces with reduced dimensions in width at high thermal performances to insulate spaces with controlled temperatures.

specifications/

Application
inside/outside

Panels
80 mm thick, coefficient 0,5w/m2k
anti-pinch system realised
in pre-painted steel plate 0,5
mm thick and insulated with
polyurethane foam

opening system/

manual
motorised

security systems/

the passage control is managed
and controlled safely by a pair
of photocells. Mobile protection
device on closing edge, consisting
of a strip that is resistive and
sensitive to the contact that
transmits via radio with the
control unit. In case of accidental
impact, it determines the stop and
immediate reopening as provided
by UNI EN 13241.

finishing/



Curtain dock shelter

Isothermal PVC portal suitable for the protection and sealing of the loading bay.

specification/

Application
inside/outside

Profiles
aluminium or galvanised steel

Cloth
double internal reinforcing frame
in anti-abrasive PVC lateral
and frontal



Cushion dock shelter

Isothermal PVC and sponge portal suitable to reduce thermal loss.

specification/

Application
inside/outside

Profiles
galvanised steel frame

Cloth
internal sponge core covered in
anti-abrasive PVC lateral
and frontal



Manual leveller

Product designed to facilitate loading / unloading operations at the loading point with reduced dimensions.

specifications/

Application
in pit or in over dock

Elements
standard lip
rubber bumpers

Optional
epdm gaskets
rails
lip with lateral flaps
lip with blunted edge at 45°
flap lip
bakelite bumpers
swinging bumpers

opening systems/

manual with lever
manual with gas lever



Manual dock leveller



Mini dock leveller



Hydraulic leveller

Product designed to facilitate loading / unloading operations at the loading point.

specifications/

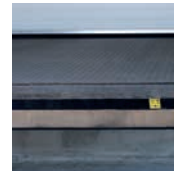
Application
in pit or in over dock

Elements
standard lip
rubber bumpers

Optional
epdm gaskets
rails
lip with lateral flaps
lip with blunted edge at 45°
flap lip
bakelite bumpers
swinging bumpers
over dock structure

opening systems/

hydraulic



Hydraulic dock leveller



Hydraulic mini dock leveller



Dock house

The Dock House is a compact solution that constitutes a connecting environment between the inside of the truck and the inside of the building. It consists of a support metal structure, compartmentalized with sandwich panels, in which there are the dock leveller and the dock shelter.

specifications/

Application
inside/outside

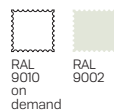
Profiles
tinsmithery and galvanised steel,
RAL on demand

Sealing cloth
double internal reinforcing frame
in anti-abrasive PVC lateral and
frontal

Covering
sandwich panels min. 40 mm
thick

Dock leveller
hydraulic or manual

finishing/



Wheel lock

Safety system that allows the truck docking to the loading bay in a controlled way conveying direction and speed.

specifications/

Application
outside

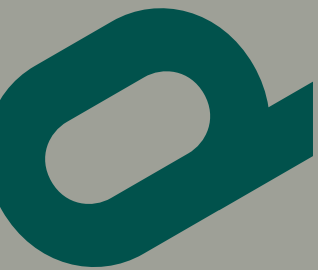
Structure
galvanised steel

Functionality
possibility to interface
the system with the sectional door
and the dock leveller according to
an integrated logic

finishing/



Shutters/



A covering in metal panels composes the shutters. Wrapping in an upper box, the shutters boast small size and guarantee of safety. This characteristic places them among the most decided solutions where there are reduced spaces.



Shutter

Closure suitable for ensuring protection in public places, appreciated for its reduced dimensions.

specifications/

Application
inside/outside

L rails
section in press bending
steel plate

Crossbeam
realised with a steel tube
and completed with a
covering crankcase

Covering
slats in press bending
plate

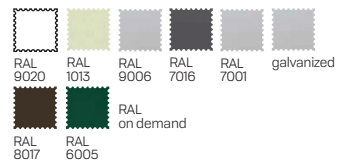
Headroom
free passage thanks to covering
wrapping inside an upper
headbox

Optional
RAL painting
perforated slats
insulated slats
windowed slats
slats with ventilation grills

opening systems/

motorised
manual
motor set-up

finishing/



Emergency and fire exit/

Certified closures
according to the law in force
to guarantee safety inside
the buildings.



Multipurpose doors 78 /
Fire doors 80 /
Fire rated gates 82 /





Multipurpose doors

Pedestrian door for industrial use also suitable for escape routes.

specifications/

Application
inside/inside inside/outside

Frame
profile in galvanised steel, paint
or stainless steel on demand

Optional
windows
ventilation grills
three-point locking mechanism

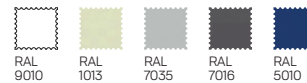
opening systems/

emergency handles
panic bars

finishing/



ON DEMAND



Fire doors

Hinged fireproof

One or double-leaved fire doors REI 30/60/120.

specifications/

Applications
inside/outside

Class
Rei 30 / 60 / 120

C Pillars
variable section, in press-bending
plate in galvanised steel

Frame
In galvanised steel profile, paint
or stainless steel on demand

Optional
windows
ventilation grills

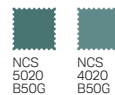
opening systems

emergency handles
panic bars

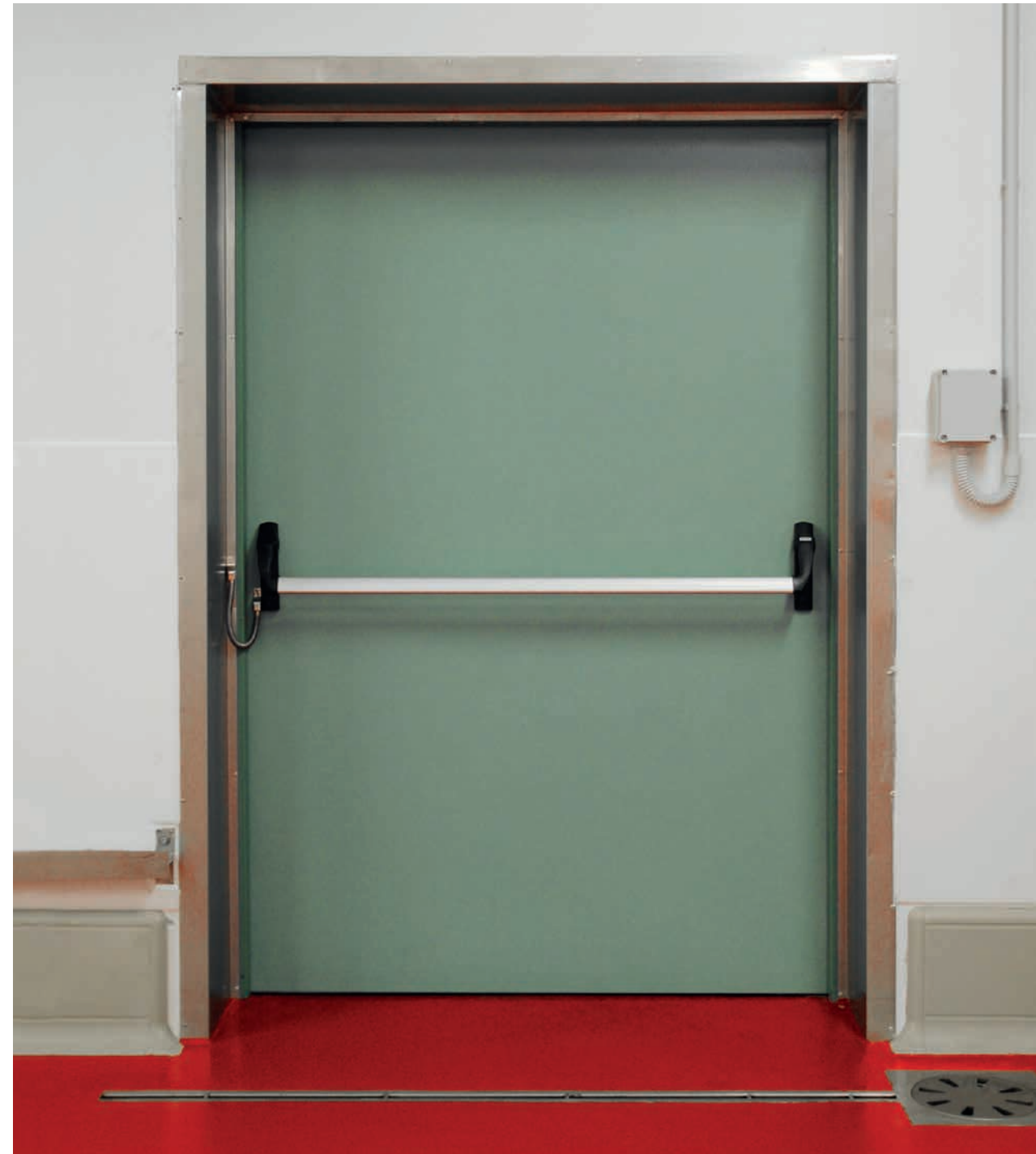
security systems/

magnetic blocking mechanism

Finishing/



ON DEMAND





Firedoors

Sliding fireproof

Lateral sliding fire doors REI 120/180 .

specifications/

Class
Rei 120 / 180

Frame
galvanised steel profile,
paint on demand

Sliding rail
horizontal in press-bending
chamber

opening system/

manual

security systems/

thermal fuse
electromagnet

finishing/



NCS
4020
B50G

Ral on demand

Coverings/

Industrial coverings makes the space outside the company protected and usable, extending in this way the area useful for operative and logistic scopes. The numerous variables support the different market requests in an exhaustive and functional manner.



Tunnel 86 /
Gazebo 88 /
Carports 90 /



Tunnel

Coverings suitable for the preservation of the goods during its loading/unloading or storage.

specifications/

Self-supporting

free of physical connections to an existing building, open-ended to allow entry and exit. Possibility to close the structure with sliding curtains or rapid doors

Frontal

placed frontally to an existing building, extensible and closable thanks to the sliding on wheels

Side

installed sideways to an existing building. The length side, near the building wall, stays in view

Connection

inserted between two buildings it guarantees total protection from rainfall creating a passable gallery

Canopy

installed close to the walls of an existing building, totally passable being without continuous walls

finishing/





Gazebo

Modular structure suitable for vehicles and industrial buildings covering.

specifications/

Application
outside

Cloth
in white PVC

Optional
lighting electrical system
ballast with flowerpots

Fixed installation
both on plinths and concrete
foundation, fixed to the ground
with plates.

technical notes/

Wind resistance
115 km/h
Snow load
130 kg/mq
Standard dimensions
5x5, 6x6, 8x6, 9x6 m
(Possibility of customised
dimensions max. 9x6 Mt)

finishing/



RAL
9010

carports

Structure suitable for vehicles covering.

specifications/

Application
outside

Structure
hot-dip galvanised steel, composed by reticular elements with circular section. The supporting structure built with reinforced concrete plinths and the modules are connected together with tubular elements


types/

Shading and anti-hail
perforated and 90% shading covering

Pvc
shading, waterproof, resistant to snow load

Photovoltaic system
shading, waterproof, resistant to snow load, it takes advantage of the superior covering exposed to the sun for the production of the alternative energy

finishing/

 **Zincato**
 **Ral on demand**





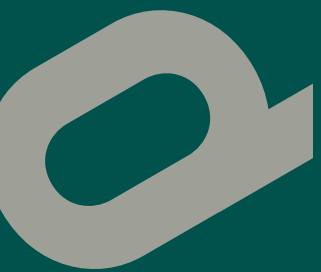
Residential closures/

Residential closures combine aesthetics and functionality using the minimum amount of space. Performance is implemented by a high thermal insulation and a high safety degree.

Customised design / unique aesthetics born from your creativity, distinctive character for those who love quality and attention to details.



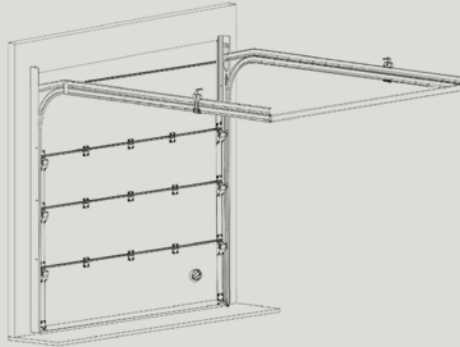
Large **98** /
Medium **100** /
Small **102** /
Box **104** /
Lateral **106** /
Air **108** /
Window **110** /
Wicket pass door **112** /



Mechanical set-up/

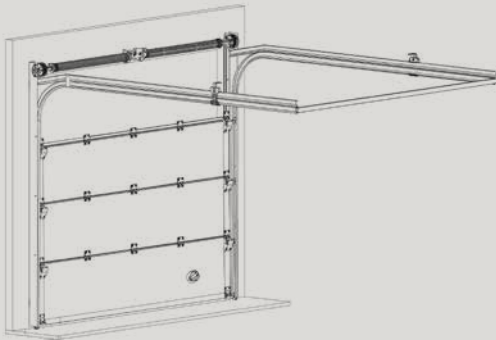
RSE/

The best solution for sectional doors with maximum dimensions up to width 3500 mm and height 2055 mm, equipped with traction springs that make the lifting.

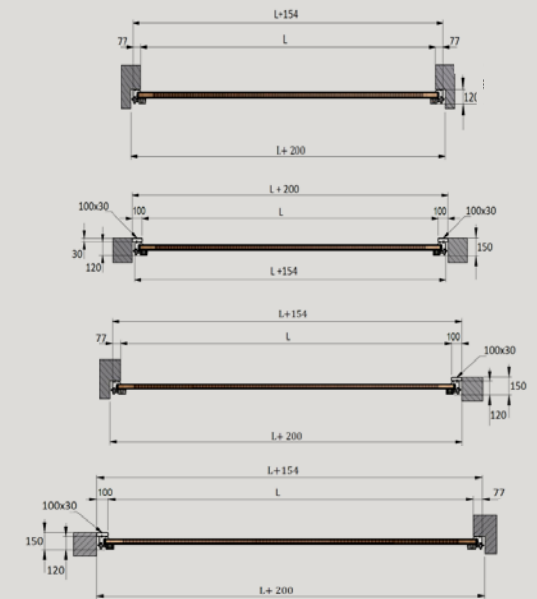


RSC/

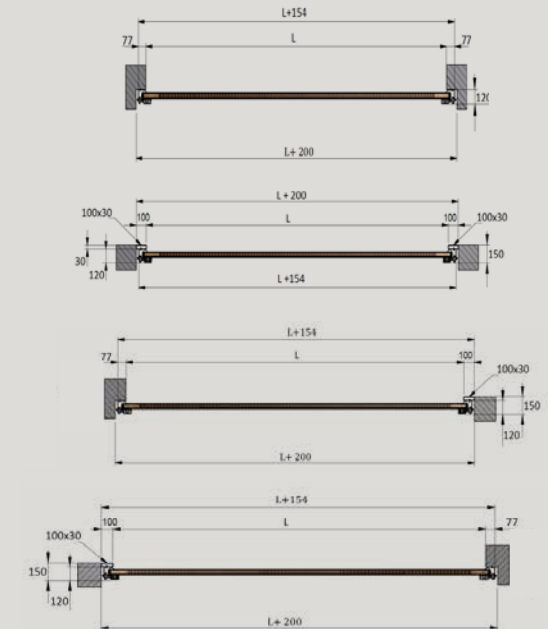
The best solution for all sizes sectional doors or for doors equipped with accessories such as wicket pass door or structural reinforcements for doors with big dimensions.



The standard version of the residential mechanics is supplied with double track and traction springs placed vertically (security is guaranteed by a double handling cable and by a system with concentric springs). The required lintel is 150 mm and the shoulders 100 mm.









The standard version of the residential mechanics is supplied with superior double track and frontal torsion springs. The required lintel is 150 mm and the shoulders 100 mm. on demand we can supply solutions with posterior springs or slidings for sloped ceiling or with raised lintel 250 mm.



Large

Large sectional garage doors are characterised by an essential aesthetic that could be conformed to the most modern contexts.


specification/	opening systems/		optional/
Application inside/outside	manual motorised		opening selector remote control motor unlock flashing photocell
L Pillars in press-bending galvanised plate			
Covering panel In press-bending galvanised plate, filled in with polyurethane foam and RAL painted or imitation-wood			
Panel without slats			<input type="checkbox"/>
Surface wood embossed wood effect or smooth			
RAL variation on demand			
mechanic/	finishing/		
	wood embossed/	wood effect/	smooth/
RSC	 RAL 9010 RAL 6009 RAL 8014	 Oak tree light Oak tree dark	 RAL 1015 RAL 9010 RAL 9006 RAL 7016 RAL 9016 Corten
RSE	 RAL 9010 RAL 6009 RAL 8014	 Oak tree light Oak tree dark	 RAL 1015 RAL 9010 RAL 9006 RAL 7016 RAL 9016 Corten























Medium

Medium sectional garage doors are characterised by a simple aesthetic given by slats modularity.

specification/	opening systems/	optional/
<p>Application inside/outside</p> <hr/> <p>L Pillars in press-bending galvanised plate</p> <hr/> <p>Covering panel In press-bending galvanised plate, filled in with polyurethane foam and RAL painted or imitation-wood</p> <hr/> <p>Panel 25 cm slat </p> <hr/> <p>Surface wood embossed wood effect or smooth</p> <hr/> <p>RAL variation on demand</p>	<p>manual motorised</p>	<p>opening selector remote control motor unlock flashing photo cell</p>

mechanic/	finishing/		
	wood embosse/	wood effect/	smooth/
RSC	 RAL 9010  RAL 6005  RAL 8014	 Bleached durmast  Oak tree light  Oak tree dark	 RAL 9010  RAL 7016  RAL 9006
RSE	 RAL 9010  RAL 6005  RAL 8014	 Bleached durmast  Oak tree light  Oak tree dark	 RAL 9010  RAL 7016  RAL 9006

Small

Small sectional garage doors are characterised by a contemporary aesthetic thanks to the panel with 10 cm slat.

specification/	opening systems/	optional/
Application inside/outside	manual motorised	opening selector remote control motor unlock flashing photocell
L Pillars in press-bending galvanised plate		
Covering panel In press-bending galvanised plate, filled in with polyurethane foam and RAL painted or imitation-wood		
Panel 10 cm slat		
Surface wood embossed wood effect or smooth		
RAL variation on demand		




mechanic/	finishing/		
	wood embossed/	wood effect/	smooth/
RSE	RAL 9010 RAL 9006 RAL 9002	Oak tree light Oak tree dark	RAL 9006
RSC	RAL 9010 RAL 9006 RAL 9002	Oak tree light Oak tree dark	RAL 9006





Box

The sectional garage door Box lends a refined and classic image.

specification/	opening systems/	optional/
<p>Application inside/outside</p> <hr/> <p>L Pillars in press-bending galvanised plate</p> <hr/> <p>Covering panel In press-bending galvanised plate, filled in with polyurethane foam and RAL painted or imitation-wood</p> <hr/> <p>Panel with frame </p> <hr/> <p>Surface wood embossed</p> <hr/> <p>RAL variation on demand</p>	<p>manual motorised</p>	<p>opening selector remote control motor unlock flashing photocell</p>
mechanic/	finishing/	
	<p>wood embossed</p> <hr/> <p>RSC  RAL 9010</p> <hr/> <p>RSE  RAL 9010</p>	

Lateral

The lateral sliding is ideal for contexts with absent or reduced lintel (H 60 mm), or for situations that require to contain the overall dimensions of the passage in width (S 40 mm / S 100 mm).

specification/

Vertical panel available in version

large
medium
small

Surface



























wood embossed,
wood effect or smooth

RAL variation

on demand

panel/

finishing/







	wood embossed/	wood effect/	smooth/
Large	 RAL 9010  RAL 6009  RAL 8014	 Oak tree light  Oak tree dark	 RAL 1015  RAL 9010  RAL 9006  RAL 7016  RAL 9016  Corten
Medium	 RAL 9010  RAL 6005  RAL 8014	 Bleached durmast  Oak tree light  Oak tree dark	 RAL 9010  RAL 7016  RAL 9006
Small	 RAL 9010  RAL 9006  RAL 9002	 Oak tree light  Oak tree dark	 RAL 9006

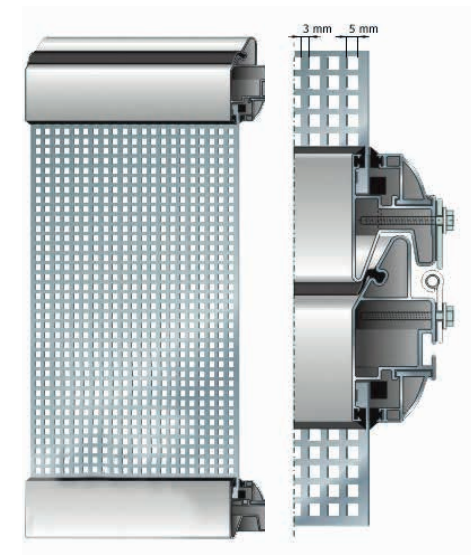




Air

Air sectional door maintains a perfect space ventilation, as well as an effect strongly characterizing.

specification/	opening systems	optional/						
<p>Application inside/outside</p>	<p>manual motorised</p>	<p>opening selector remote control motor unlock flashing photocell</p>						
<p>L Pillars in press-bending galvanised plate</p>								
<p>Covering composed by aluminium frame with filling in micro-perforated galvanised plate</p>								
<p>Frame in reinforced aluminium, with panels in perforated steel</p>								
<p>Use suitable for garages and apartment buildings</p>								
<p>Possibility of:</p> <ul style="list-style-type: none"> · integrated wicket pass door or external lateral pedestrian door · intensive use motorisation · traffic light for exits management · advanced security systems 								
<p>finishing/</p> <table border="0"> <tr> <td>frame</td> <td>filling</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>anodised aluminium</td> <td>RAL 9006</td> </tr> </table>	frame	filling			anodised aluminium	RAL 9006		
frame	filling							
								
anodised aluminium	RAL 9006							





Window

The sectional window door stands out for its clean and modern design conferred by wide glass windows.

specification/	opening systems/	optional/		
<p>Application inside/outside</p> <hr/> <p>L Pillars in press-bending galvanised plate</p> <hr/> <p>Covering composed by glazed aluminium frame or RAL painted with windows</p> <hr/> <p>Frame in reinforced aluminium, with steel panels</p> <hr/> <p>Possibility of:</p> <ul style="list-style-type: none"> · integrated wicket pass door or external lateral pedestrian door · intensive use motorisation · traffic light for exits management · advanced security systems 	<p>manual motorised</p>	<p>opening selector remote control motor unlock flashing photocell</p>		
<p>finishing/</p> <table border="0"> <tr> <td> <p>frame</p>  <p>anodised aluminium</p> </td> <td> <p>filling</p>  <p>RAL 9006</p> </td> </tr> </table>			<p>frame</p>  <p>anodised aluminium</p>	<p>filling</p>  <p>RAL 9006</p>
<p>frame</p>  <p>anodised aluminium</p>	<p>filling</p>  <p>RAL 9006</p>			

Pedestrian doors/



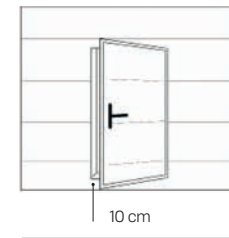
Integrated/

Integrated pedestrian door obtained within the sectional door. Ideal for contexts in which pedestrian passages are needed.

/Available in sizes L 800 mm and L 1200 mm complete with door closer, handle or panic bar and standard lock or three-point locking mechanism. Possibility of lowered walkable threshold to facilitate the passage of vehicles on wheels.



Traditional threshold



Lowered threshold



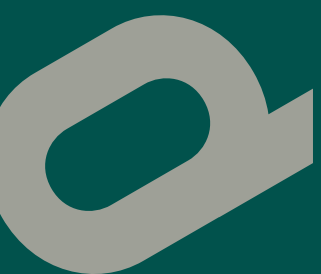
With frame Without frame



Lateral/

Lateral pedestrian door made to measure with the same panel of the sectional door, complete with door closer, supporting structure in aluminium profiles and sealing gaskets along the whole perimeter.

/The door with double leaved is available on request, whereas the structure can be ordered with or without frame.



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