



DOOR SPECIFICATIONS

**Side Sectional Door Breda Sistemi Industriali S.p.A. Model PHENIX
Available on versions Silver and Gold**

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Panels:

Panels Secur-Pan 495 and 615, 42mm thickness. Two opposed steel metal sheets, galvanized with Sendzmir system, lacquered and stucco finished on the inside, wood-grain, stucco or smooth finish in Flat, Single, Multi ribs or with blocks version on the outside, with patented finger protection profiles (male and female). Internal and external side both provided with longitudinal reinforcing ribs. Coupling without thermal bridge between inside and outside, filling up with insulated polyurethane foam, CFC free. Two steel longitudinal reinforced plates assure the fixing of hinges and brackets.

Coat's perimeter closed with an aluminium frame. Floor sealing with double lip's rubber EDPM, headroom sealing with lip's rubber made in PVC, sides sealing with lip's rubber EDPM and PVC rubber on the closing point.

Tracks:

Upper track in galvanized steel coupled profiles, front part made with guide profile for roller sliding, fixed on the angle profile already set on a special upper counterframe of 70 mm, made in lacquered aluminium, same colour of the coating (on Gold version). This angle profile is preset for the fixing on the headroom or in the ceiling.

On the angle profile is fixed the lip gasket for the upper sealing of panels. Side horizontal track, fixed to the wall, made with guide profile for the rollers sliding, complete with brackets for the wall's fixing.

Joint between the tracks, if necessary, through a bend with a special system of hidden screws.

The lower track, also called threshold, is made with a splined's aluminium profile, in which run the bearings complete with directional wheels, which will support the panels. In case of bending track, the union between the profiles is made by a special directional bended plate. Both profiles and plates, are thinned on the sides and made with a system anti-stumble, therefore trampled on.

Embrasures on Gold version:

Vertical embrasures of 70 mm, made in aluminium, same colour of the coating, are supporting the special standing aluminium profiles with the rubbers. The embrasures and upper counterframe are complete with special outer rubbers, indicated for the fixing on walls with some imperfections, with all the kind of fixings, therefore both in the opening and to the wall.

Special fixing integrated systems allow a great rapidity, in case of installations both in the opening and to the wall as well.

Sliding systems available:

- SLO and SLO inclined: lowered sliding systems with minimum embrasure on the opening's side of 70 mm with motor on the track's edge, of 120 mm with motor on the wall.
- SL2 and SL2 inclined: standard sliding system with minimum embrasure, on the opening's side, of 420 mm.
- SL4: side sliding system with minimum embrasure, on the opening's side, of Width sectional door + 100 mm.

Mechanical safety and standard accessories on Silver version:

Adjustable blocking anti-lift, opening and closing points, to be fixed on the side frames.

Adjustable not overflowing brackets and hinges, made in natural aluminium, with nylon's bushings.

Single sliding rollers, nylon made, fixed on the ceiling.

Bearing sliding rollers, nylon made, with floor's wheels.

Galvanized tracks.

Panel's outer profile made in aluminium, colour white C21.





Mechanical safety and standard accessories on Gold version:

Adjustable blocking anti-lift , opening and closing points, to be fixed on the side frames.

Aluminium's embrasures and upper counterframe of 70 mm.

Adjustable not overflowing brackets and hinges, made in aluminium white C21, with nylon's bushings.

Single sliding rollers, nylon made, fixed on the ceiling .

Bearing sliding rollers , nylon made, with floor's wheels.

Powder lacquering of tracks: white C21.

Panel's outer profile made in aluminium, colours available white C21, Natural tarnish, or Black sallox tarnish.

Standard equipments:

Internal/external ergonomic raising handle for opening and closing the door manually.

Aluminium label with door identifying data, CE marked and main instructions.

Assembly instructions, maintenance handbook including certificates, in accordance with the law in force.

Standard colours of panel:

External pre-painted panels: White C81, White C21, Brown C17, Green Ral 6005, Green Ral 6009, Grey Ral 9006, Grey Ral 7016,

External similar wood panels: Walnut, Light Oak, Golden Oak, Green, Mahogany.

Internal side: White C21.

Optional:

Security lock for manual doors with key and outside unblocking lever.

Lock motor-operated on the sliding system SLO.

Oven-painting with bi-component polyurethane paint available in Breda's RAL sample-card colours.

Painting on the Visa's sections, external side, internal side white C21.

Glazed sections with Breda aluminium profiles 42 mm thickness, filling with transparent double-glazed 30 mm acrylic window, 4 mm single-walled acrylic window, polycarbonate 16 mm, lacquered steel ventilation grille or aluminium ventilation grille of punched plate.

PVC double-glazed windows: oval 607x176 mm, round ø330.

ABS transparent or opal double-glazed windows: rectangular 525x350 mm or rectangular 700x370 mm.

Rectangular ABS double-glazed inspection window, with cross-barred or "SUN" design: 525x350 mm.

Ventilation grilles: in rectangular PVC 480x98 mm or in rectangular ABS with aluminium grille 525x350 mm.

Upper stationary panel with aluminium lacquered beading or glazed upper stationary panel with fillings to be choose as the aluminium sections.

Side pedestrian door, maximum width 1400 m.

Fanlight for side pedestrian door, stationary or that can be open, maximum width 1400 mm.

Mechanical devices:

Pulling drive motor, CE marked, single-phased switchboard 220 V. complete with: control panel, complementary lamp, mechanical or with encoder limit switches, torque-limiting device with reversal motion, radio control receiver , n.02 two/four-channel remote controls, according to the motor, with Open-Close-Stop push-buttons.

Further safety devices:

Unblocking lever for the door's opening in case of power failure.

Yellow beacon flashing light.

Pair of ultra-flat high-sensitive photocells.

Standard optoelectronic infrared safety rib device.

