

Items specification Ver. 09/2023 V1.0

Folding door BOOK LINE
Model ADONE



Adone

Book Line, folding and sliding doors.
Designed for big sizes.

Single or double-folding wings supported by jambs, with upper sliding track

Normal Wings

Vertical-wing panels, 52mm thickness, consisting of two levelled and opposed steel sheets, galvanized with Sendzmir system, pre-lacquered and with Smooth finishing or Stucco embossed; laterally dovetail-outlined to contain the gaskets. Coupling without thermal bridge between internal and external sheet with injected polyurethane foam. Internal tubular supporting frame, in galvanized steel, created to stiffen the panel and safely fix the hinges. The upper and lower end of the panels are closed by Sallox black tarnish aluminium profiles, upper and ground sealing with brushes fixed on the profiles. The lateral ends of panels are provided with tubular rubber EPDM double lip gaskets that ensure 50 mm. space for safety between wing and wing and between wing and jamb.

Glazed or Ventilated wings

Vertical-wing panels, 52mm thickness, consisting of two levelled and opposed steel sheets, galvanized with Sendzmir system, pre-lacquered and with Smooth finishing or Stucco embossed; laterally dovetail-outlined to contain the gaskets. Internal tubular supporting frame, in galvanized steel, created to stiffen the panel and safely fix the hinges and filling's frames.

Could be partial glazed, completely glazed, made with aluminium profiles, high thickness.

The upper and lower end of the panels are closed by Sallox black tarnish aluminium profiles, upper and ground sealing with brushes fixed on the profiles

The lateral ends of panels are provided with tubular rubber EPDM double lip gaskets that ensure 50 mm. space for safety between wing and wing and between wing and jamb.

Fillings available

Aluminium frame with panel 30 mm.

Double-glazed acrylic glass scratch-resistant 30 mm.

Double-glazed acrylic glass 30 mm.

Double-glazed tempered low-emission 5+18+5 mm.

Expanded sheet 15/10 ST 7,3.

Multiblade ventilation grille 30 mm.

Steel grilles 50x50x4.

Outer frame

Outer frame with jambs and upper transom, in grooved extruded aluminium profiles, suitable for the adjustable fixing of hinges, lateral gaskets and brackets to the wall. The upper transom is fixed to the jambs by means of special brackets and on the headroom by adjustable brackets supporting also the sliding guide. This particular system ensures the complete adjustment of plumbs and parallelisms.

Track

Double sliding track in galvanized steel of 2 mm. The adjustable supporting U bridges, combined with adjustable brackets, allow the correct position of the track for any kind of installation.

Mechanical galvanized steel limit switches set the stroke of the trolley at the opening of the wings.

Assembly and opening

Assembly in interior or exterior dimensions both in height and in height, installation for inwards or outwards opening. Wings collection at 90° or wing folding at 180°.

Standard equipments

Track support brackets for 90° rotation opening.

Trolleys with 4 nylon coated wheels with dustproof ball bearings.

Black lacquered die-cast aluminium hinges with bearings and pins of 20 mm.

Black lacquered steel lever bolts, with black lacquered galvanized steel closing rods.

Galvanized steel floor lever bolts and transom strikers.

Adjustable die-cast galvanized steel ground joint for wings lock.

Internal handles for the handling operation of wings.

Spacer rubber buffers for wings folding.

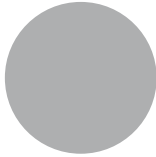
Panel standard colour, Smooth surface: External side White-Grey; Internal side White-Grey.

Panel standard colour, Stucco embossed surface: External side White C21; Internal side White C21. Aluminium label with door identifying data, CE marked and main instructions.

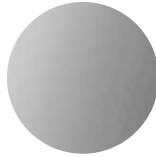
Assembly instructions, maintenance handbook including law certificates.

Standard colours of coat

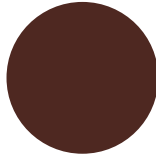
external
/internal



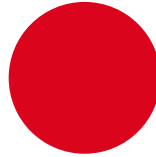
White-grey



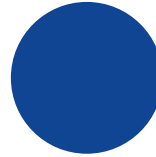
RAL 9006



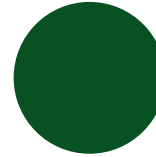
RAL 8019



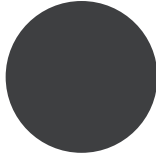
RAL 3000



RAL 5010



RAL 6005



RAL 7016



Stucco C21



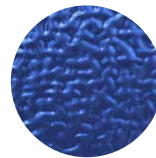
Stucco C81



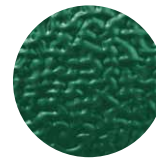
Stucco C17



Stucco RAL 3000



Stucco RAL 5010



Stucco RAL 6005



Stucco RAL 9006



Stucco RAL 7016

external
wood-like



Golden Oak



Walnut

Optional equipments

Track support brackets for opening at 180° wing folding.

Ground track sinking in the floor.

Standard colours lacquering available for the inside, for the outside or for both sides.

Special colours lacquering available in Breda's RAL sample-card colours/Micaceous.

Inserted pedestrian door with ground step, inserted in the wing and with frame in Sallox black tarnish aluminium profiles, provided with lock (key included) and inner and outer handle or push-bar anti-panic handle with 3 closing points with or without external lock.

Cut Wing, with anti-panic handle 2 closing points, with or without external handle and lock.

Coupled glazed inspection windows 5+5 with rubber EPDM gasket, round or rectangular with rounded corners.

Pre-lacquered aluminium ventilation grilles.

Pre-lacquered insulated upper stationary panel, available in the same colour of the coat.

Folding cover insulated filling panel, available in the same colour of the coat.

Chain guard and track cover in pre-lacquered sheet.

Mechanical devices

HYPPO Operator 24Vdc, 5 A. CE marked, electromechanical motor reducer irreversible with telescopic arm and magnetic encoder, pull box for electrical connections, motor protection cover, fast release device built-in. Drive with shaped arm. Motor's torque 250 Nm., speed 2 Rpm, working cycle 80 %. Motor unit position on the coat / or on the wall.

KBB Single-phased device, CE marked, with thermal protection, permanent grease lubrication. Available with open/close electromechanical limit switch, pull box for electrical connections, motor protection cover and drive motor release with lock for manual manoeuvres by unblocking lever and encoder. Drive with telescopic arm, motor power 330 W (single-phased). Motor unit position on the coat / or on the wall.

"Step by step" operation Single-Phased switchboard with Open-Close-Stop pushbutton, CE marked, emergency button, protection degree IP 54, 230 V power supply, torque-limiting device, adjustable limit switches. Drive to low-tension 24 V protected by 1,6 A and 2 A fuses, to be used also for power supply of all safety accessories. Possible functions: automatic, semi-automatic or "dead man" control; timer for automatic closing; stop and reversing system in case the photocells are working, or other devices.

Door-closing safety device, padlock not included.

Further safety devices

Yellow beacon flashing light.

Pair of ultraflat high-sensitive photocells. Outdoor key selector Open-Close-Stop.

Microswitch.

Unblocking lever with handle and lock.