

## **SPEED-PACK – Rapid Folding door - General description**

- Self-bearing structure realised with pressed sheet profile in hot galvanised steel “sendzimir process”.
- Border for shoulders in rigid black PVC profile to reduce wear and tear of mantle.
- Flexible mantle in PVC double-coated polyester fabric, class 2, self-extinguishing fireproofed, provided with heat-welded pockets for reinforcing pipes and 1 row of transparent windows on 3<sup>rd</sup> sector (at man’s eyes height) - available cloth colours: white (similar to RAL 9016), orange (similar to RAL 2008), yellow (similar to RAL 1021), cream (similar to RAL 1014), blue (similar to RAL 5002), green (similar to RAL 6016), red (similar to RAL 3002), grey (similar to RAL 7038), silver (similar to RAL 9006 – with extra price); other colours, if available, on request.
- Reinforcing pipes in galvanised steel against wind and/or sinking, fitted into heat-welded pockets on the mantle, easily sliding in case of crash, to be straightened or replaced.
- Fold-up system of the mantle by strong belts.
- Flanged tubular galvanised shaft, rolling on supports provided with self-aligning bearings.
- Self-braking asynchronous three-phase motor, power supply 380/400 V, with 2-3 HP (1,5 – 2,25 Kw), rapid magnetic blocking brake and motor cover in galvanised sheet.
- Rotatory limit switch with double cams (open – close – safety).
- Multifunction electrical control panel with integrated push-button panel (CEI norms – IP55) working by microprocessor. It is provided with logical control circuit board and led indicating the operating stages, power circuit with fuses, controlled by remote control switches, easily adjustable timer (timing, warning signal, automatic closing stop), dip-switch to select the functions (MANUAL/AUTOMATIC), push button panel (OPEN/CLOSE), and EMERGENCY STOP red mushroom push button.
- Shaped conveyors inside the shoulders to allow the right approach of the mantle to the shoulders.
- Release motor lever and hand crank for emergency manual opening (in case of power failure or breakdown).
- Safety signals (against a white ground) on both sides of the 1<sup>st</sup> sector of the mantle with the following notes: “Caution! Automatic door” and “No entry when door is moving”.
- 1 pair of standard directional photocells.
- 2 flashing lights 24V.
- Electronic safety edge in conducting rubber with self-checking board.
- External START push button + Emergency STOP red mushroom push button.
- Metal label, fixed on legs by rivets, indicating identification number, characteristics and marking of item.
- Technical use and maintenance instructions for automatic door and control unit.
- All door sizes (200; 240; 390 mm. width) can be provided with additional counterweight, reaching in this configuration higher opening speed, and having at the same time less stress for door components.
- Speed-Pack door has sustained and got all tests to achieve CE marking as per UNI EN 13241-1 norm.
- Wind resistance certified as per UNI EN 12444 (2002) – UNI EN 12424 (2001) norms.  
Report no. 327/06 issued by notified organization for the CPD.
- Intervention of electronic safety edge certified as per UNI EN 12453 (2002) point no. 5.  
Report no. 295/06 issued by notified organization for the CPD.
- Each product is peculiarly dimensioned through a development software, based on technical features requested by above-mentioned norms, getting its own identification number. Development papers of technical characteristics are placed in archive for life.
- Quick availability of spare and additional parts for eventual supply is guaranteed.
- Opening-closing speed: abt. 1 m./sec. (proportionally reduced in case of big doors or particular wind resistance needs).
- Wind resistance from 125 up to 60 Km./h (it is possible to ask for special wind resistance).
- Planning and realisation of special version of the door for big size openings (GIGA-PACK).
- WARRANTY: 1 year with a maximum of 100.000 working cycles.