



Recommended use

Security door used mainly in dwellings and multi-storey apartment buildings. Also suitable for use as door with increased security class in industrial buildings, offices or front door of private houses.

Dimensions

The maximum dimensions of the door frame, mm: **2300 x 2420**
 The maximum BA dimensions of the active door sheet, mm: **1150**
 Noise resistance R' w: **32dB**

Construction

Metal door with one or two locks opening outward. Door sheet is composed of active and passive part. The passive part is fixed with latches onto the bar and the top part of the sash. The door is manufactured of cold rolled galvanized Swedish sheet steel covered with wood pattern PVC film with stamping, edging and welding. Hinges are 3 stainless steel hinges with ball bearing for door leaf. Diameter of hinge axis is 10 mm. Security elements are security pins and lock boxes reaching into door sheet.

Door sheet, sash

Door sheet is 53 mm thick. Jacket edges are at all four sides. External and internal side is made of 1,25 mm thick sheet steel. Door sheet includes horizontal reinforcement ribs with U-profile. Insulation material is rock wool with thickness 50 mm. The high rigidity of the door panel is achieved via glueing together the metal and the insulation material.
Sash is made of 1,5 mm profiles of sheet steel, connected in sash corners with welds. Sash can be ordered with cover slat covering lateral installation slots (type XM) or solution without cover slat, for installation deeper than wall surface (type XS). Elastic rubber gasket of door is fixed into groove in the sash.
Threshold is made of hot-zincd or painted sheet steel.

Finish

Door sheet can be ordered in five different tones of wood pattern: oak (PVC1033), ash (PVC1227), walnut (PVC1066) and mahogany (PVC1157). Sash is primed with epoxy paint and covered with polyurethane paint with tone suitable for wood pattern.

Locks

Usage locks of well-known lock manufacturers Abloy, Boda, Assa, and Nemeff can be installed on the door as lower locks and security locks of the above-mentioned companies as upper security locks.

Installation

Sash is fixed in nine points with connectors and hexagonal screws 8 x 100 mm. Screw wrench size is 13 mm. Connector aperture diameter is 10,5 mm. Fixing apertures are covered with plastic plugs with diameter 19 mm. Sash and installation slot of door will be filled with rock wool or construction foam after fixing. Package includes fixing screws, connectors and plugs. For more details see installation manual.

Accessories

- The door can be improved and completed with following accessories:
- stainless steel threshold
 - border slats
 - eyehole, security chain, door catch
 - window, ventilation grid, foot sheet
 - core, core covers, door handle
 - lock casing

Maintenance

Door must be checked and maintained at least every six months. Check closing of door and operation of locking elements. Detailed information is available in maintenance manual. It is possible to sign a maintenance contract upon purchasing the door.

