



METAL SECURITY DOOR FOR APARTMENT

MSE041 METAL SECURITY DOOR X, WITH WOOD-EFFECT LAMINATED STEEL

version08

Recommended use

Security door with wood pattern 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: **1180 x 2420**
Noise resistance R' w: **32dB**

Construction

Metal door with two locks opening outward. The door is manufactured of cold rolled sheet steel covered with wood pattern PVC film with stamping, edging and welding. Hinges are 3 stainless steel hinges with ball bearing. 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 sides and top. External and internal side is made of 1,25 mm thick sheet steel. Door sheet includes reinforcement ribs with U-profile. Insulation material is high-density non-flammable 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 cold rolled 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). The drawing shows version with cover slat. Elastic rubber gasket of door is fixed into groove in the sash.

Threshold is made of hot-zinced 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, Nemeff and Cisa can be installed to the door as lower locks and security locks of the same companies as upper security locks.

Installation

Sash is fixed in six 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.

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 in 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.

