



METAL SECURITY DOOR FOR APARTMENT

MSE003 METAL SECURITY DOOR FOR APARTMENT V,  
TWO-SIDED

version08

**Recommended use**

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

**Dimensions**

The maximum dimensions of the door frame, mm: **2780 x 2970**  
 The BA dimensions of the active door sheet, mm: **1390**  
 Noise resistance R'w: **25dB**

**Construction**

Metal door with 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 sheet steel with stamping, edging and welding. Hinges are 3 welded 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 sides and top. External side is made of 1,5 mm thick, internal side of 1,25 mm thick sheet steel. Door sheet includes reinforcement ribs with L-profile. Insulation material is rock wool with thickness 50 mm.

**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 MM) or solution without cover slat, for installation deeper than wall surface (type MS). Door gasket is elastic rubber gasket with P-profile fixed onto the sash.

**Threshold** is made of hot-zinced or painted sheet steel.

**Finish**

Doors are painted with polyester powder paint of the more conventional tones. Standard tones are white RAL9010 (pure white), RAL7001 (silver grey), RAL8014 (sepia brown), RAL9007 (grey aluminium), RAL7024 (graphite grey), RAL9006 (white aluminium). The additional possibility is to have the door painted with bi-component polyurethane paint and epoxide priming paint in all the tones of RAL catalogue.

**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 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.

