



**METAL SECURITY DOOR FOR APARTMENT**

**MSE045** METAL SECURITY DOOR FOR APARTMENT X,  
STAINLESS

version06

**Recommended use**

This stainless steel metal door is used in food and chemistry industry buildings in places with high hygienic and environmental requirements. These doors are also used in rooms with aggressive environment and as exclusive design elements of various rooms.

**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 stainless sheet steel 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 all four sides. External and internal side is made of 1,25 mm thick stainless 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 stainless 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 stainless sheet steel.

**Finish**

The door and the jamb have polished stainless surfaces.

**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 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. For more details see installation manual.

**Accessories**

The door can be improved and completed with following accessories:

- 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.

