



**FIRE RESISTANT STEEL DOOR**

**MFD0071R** FIRE RESISTANT STEEL DOOR FG, EI60 STANDARD M9x21, RIGHT

**MFD0071L** FIRE RESISTANT STEEL DOOR FG, EI60, STANDARD M9x21, LEFT

version07

**Recommended use**

Used as door between fire stop sections in industrial buildings, dwellings and office buildings, where fire resistance class of door must be EI60. Also can be used as well-insulated metal door with single lock. As a standard door, the fire resistant metal door has a defined modular size and a lock. Sold in stores of construction materials.

**Dimensions**

Module size:	M9 x 21
Construction aperture, mm:	900 x 2100
Dimensions of sash light aperture:	774 x 1989
External sash dimensions:	880 x 2090
Weight, kg:	84

**Certificate of conformity**

The door has been tested in accordance with the provisions of test standard EVS-EN 13501-2:2004 in a testing laboratory of TÜV NORD Baltik OÜ in Tallinn, and certified in accordance with the provisions of standard EVS-EN 13501-2:2004 by a certification bureau EstCert OÜ. The door holds a certificate no 153-065/08 with fire resistance grade EI<sub>2</sub>60. The noise resistance (R`W) of the door according to the test standard EVS-EN ISO 140-14:2004 is 32 dB.

**Construction**

The door is manufactured of cold rolled galvanized sheet steel with stamping, edging and welding. The hinges are 2 joint sheet hinges with a ball bearing. Diameter of hinge axis is 14 mm. Two safety joint-pins 12 mm in diameter are placed between the hinges.

**Door sheet** is 64 mm thick. Jacket edges are at sides and top.

External and internal side are made of 1,00 mm thick sheet steel. Tin sheets of the door sheet are on jointed with a welding seam. Inside the door sheet, there is isolation material in the form of fire-proof stone wool and mineral plate.

**Sash** is made of 1,5 mm profiles of cold rolled sheet steel, connected in sash corners with welds. Insulation is rock wool. A gluey sealing of elastic rubber with P-profile and a dilative sealing 2x20 mm are fixed to the sash.

**Threshold** is made of painted sheet steel.

**Finish**

Door is painted with semi-matte powder paint. Tone: white RAL9010 (pure white).

**Locking**

The door has lock casing ABLOY 4190 and sash has lock counter piece. Lock core, core covers and handle are not included in door sales set.

**Installation**

Sash is fixed in seven points with connectors and hexagonal screws 8 x 100 mm. Connector aperture diameter is 10,5 mm. Fixing apertures are covered with plastic plugs with diameter 19 mm. The plat band is secured with a male screw 6,3 x 60 mm in the middle.

After fixing the installation, the door sash and the installation clearance are filled with stone wool or construction foam and are covered with a protective cleat of sheet metal of the same color as the door sash. 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
- Core and core covers Abloy CY001
- Door handle Abloy 4/008

Catch with non-detachable arm must be installed to the door located in evacuation path. Catch Abloy 335+DC199 can be used.

**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.

