



INTERNAL STEEL DOOR Q

ver01

Recommended use

Used as internal door in rooms that are dry, heated, have no contact with chemicals and in an environment that is not corrosion inducing.

Dimensions

Maximum dimensions of the door frame are 1420 x 2920 mm.

Properties

Sound insulation Rw, EN ISO 140-3, EN ISO 717-1*	34 dB
Resistance to repeated opening and closing, EN 1191, class*	5; 100000 cycles

*Declared values depend on the size of the door.

Construction

Door leaf is 64 mm thick. Rebates are at sides and top. External and internal sides are made of 1,0 mm electro galvanized steel sheet. Insulation material is mineral wool. The rigidity of the door leaf is achieved via gluing together the metal and the insulation material. There are 2 hinges with ball bearings.

Frame is made of electro galvanized steel sheet profiles with a thickness of 1,5 mm, connected at the corners with welds. Frame can be ordered with cover slat covering lateral installation slots (type YM) or without cover slat for recessed installation (type YS). Seal is made of TPE rubber and is fitted into the groove of the frame.

Threshold is made of hot-dip galvanized steel sheet. Also available without a threshold.

Finish

Door is coated with polyester powder coating. Standard tones are RAL7001 (silver gray), RAL7024 (graphite grey), RAL8014 (sepia brown), RAL9006 (white aluminum) and RAL9010 (pure white). Alternatively the door can be painted with epoxy primer and two component polyurethane paint in all the tones of RAL catalogue.

Locks

Doors can be equipped with locks from well known companies such as Abloy, Boda, Assa and Nemef. For evacuation doors it is obligatory to use special panic locks.

Installation

Frame is fixed from seven points. Threshold is fixed from the middle. Fixing apertures are covered with plastic plugs. Installation gap will be filled with mineral wool or construction foam after fixing. Package includes fixings and plugs. For more details see installation manual.

Accessories

- stainless steel threshold, sloped threshold
- window, peephole, ventilation grill, kickplate
- lock case, core, core covers, door handle, door closer
- border slats
- security package: 1,50 mm steel sheet for internal or external side, 2 security pins

Maintenance

Door must be checked and maintained at least once 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.

