



STEEL PROFILE INTERNAL DOOR

PID011 FORSTER NORM PROFILES

Version 05

Recommended use

Steel profile inner door can be used anywhere, where transparency and reliability of construction is essential — schools, hospitals, offices and other public buildings.

Steel profile inner door can not be used in constantly humid or chemically active environment (saunas, pool rooms etc.)

Dimensions

Maximum dimensions of door frame:

One-sided door **1200x2700**

Double-sided door **2400x2700**.

Width of light aperture = frame size – 140mm

Construction

Door leaf and jamb are made of quality steel profiles produced by Swiss manufacturer **Hermann Forster AG**. All joints are welded. Each door leaf has three weld steel hinges with ball bearing for door leaf.

The depth of jamb is 50 mm, so is the thickness of the door leaf.

There's no gasket between the door and the jamb. Door and glazing gaskets are made of high-quality EPDM rubber. If necessary, bristle gasket is used under door sheet.

Profile products are painted by using powder coating technology (polyester powder paint and zinc epoxy-base paint). Standard tones are RAL9010 (pure white), RAL7001 (silver gray), RAL8014 (sepia brown), RAL9007 (grey aluminum), RAL7024 (graphite grey), RAL9006 (white aluminum). In addition it is possible to have door painted in wet painting using bi-component polyurethane paint and epoxide priming paint. It is possible to choose a proper tone from RAL or NCS catalogues.

Glasses

It is possible to use different single glasses and insulating glass units (IGU) in Presto doors with the maximum thickness 27 mm.

Various laminated, hardened or combined security glasses can be used to increase security.

Instead of glass the steel panel can be used.

Locking

Locking systems used in Presto profile doors are manufactured by Assa/Abloy, Dorma, Boda etc. All lockings (locks, knobs, handles, door closers etc) are fixed according to place of use, function and proposed requirements. It is important to use locks with the suitable backset (35 mm).

Accessories

Lower part of door leaf can be protected by using stainless steel 'foot defense sheets'. To protect the whole construction from humidity, frames can be galvanized before painting.

In addition to mechanical locking system an electrical control system can be installed (card or code controller, phonosystem etc).

Maintenance

Depending on intensity of door use the condition of hinges and securing devices must be checked at least twice a year. No items obstructing closure of door may be between jamb and leaf.

Moving parts must be lubricated regularly (at least twice a year) with special lubricant (e.g. silicon oil in spray package), hinges must be lubricated with solid grease.

At least once a year check the condition of gaskets and replace non-elastic seals, if necessary.

Frame can be cleaned with soft dampened cloth. Abrasive cleaning agents are not allowed.

Glass can be cleaned with recommended agents according to instructions of their manufacturer.

It is possible to sign a maintenance contract upon purchasing the door.

