



STEEL PROFILE INTERNAL DOOR/ WALL

PIC021 FORSTER PRESTO PROFILES

version 06

Recommended use

Forster Presto internal profile doors are suitable for places where maximum glass surface, the reliability of construction and low price is playing the guiding role and the thermal insulation requirements are not important- internal doors should be used in high use intensity places like public buildings, shopping centers etc.

Dimensions

Maximum dimensions of door frame:
 One-sided door **1200x2700**
 Double-sided door **2400x2700**.
 Width of light aperture = frame size - 140mm
 Wall size limits depend on specific location and situation.

Construction

Doors and fixed screens 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. Depth of frame profiles and the thickness of door leaf is 50mm. Double insulation between frame and door leaf - both, the frame and the door leaf are equipped with the frame gasket. 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.

