

STEEL PROFILE INTERNAL WINDOW/WALL
PIW011 FORSTER NORM PROFILES

Version 06

Recommended use

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

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

Dimensions

Maximum dimensions of door frame:

Height **3000**

Width **according to the wall location**

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.

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. In case of extra large (over 4m²) and heavy panes account should be taken of special conditions of construction solution as well as installation.

Accessories

To protect the whole construction from humidity, frames can be galvanized before painting.

If necessary, a steel sandwich panel can be installed instead of glass.

Maintenance

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.

