

Certificate of Compliance



You have been awarded:

WH Service Mark 2014 for Category D - Door/frame Assemblies

Standards: EN 1634-1:2014+A1(2018)

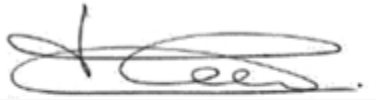
Certificate number: WHI20-29215811

This is a certificate of compliance to certify that the bearer has successfully completed the requirements of the above scheme which include the testing of products, the initial assessment, and are subject to continuing annual assessments of their compliance and testing of samples of products taken from production (as applicable to the scheme) and has been registered within the scheme for the products detailed.

Organization: Bin Ghurair Metal Industries L.L.C.
Plot No. 597-400
Dubai Investment Park 2
Dubai
United Arab Emirates

Product: Bin Ghurair - Forster Presto - Fully Glazed Steel Door
Assembly - 180 Minutes - EN 1634-1
Spec ID: 55987
Fire Rating: 180 Minute Fire Rated
Listing Information: See following page(s)

Certification body: Intertek Testing Services NA, Inc.
Initial registration: March 30, 2020
Date of expiry: December 31, 2020
Issue status: 1

Authorized By: 
Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
545 E. Algonquin Road, Ste H., Arlington Heights, IL 60005 USA
Phone: 847-439-5667 Fax: 847-439-7320

www.intertek.com

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LISTING INFORMATION

PRODUCT COVERED

Bin Ghurair - Forster Presto - Fully Glazed Steel Door Assembly - 180 Minutes - EN 1634-1

PRODUCT DESCRIPTION

Fully Glazed Steel Door Assembly:

The door frames are constructed using Forster Presto - ref: 32.800, 70 x 50mm (wide x depth) steel profiles. Forster Presto - ref: 32.803, 90 x 50mm (wide x depth) steel profiles are used to construct the door leaf. Forster Presto - ref: 32.805, 90 x 50mm (wide x depth) steel profiles are used to construct the top door member frame and the door leaf the meeting edge of the inactive leaf and Forster Presto - ref: 32.851, 70 x 50mm (wide x depth) steel profiles are used to construct the bottom members of both the leaves.

Forster Presto - ref: 32.851, 70 x 50mm (wide x depth) steel profiles are used to construct the overhead fix screen.

The door leaves are glazed with fire rated glass ref: Contraflam Lite 120, 14mm thick glass from Vetrotech Saint-Gobain International AG using 15 x 5mm (w x t) ceramic glazing tape (Forster ref: 948005). 14 x 2mm thick intumescent tape (Forster ref: 948000) is self-adhered around the perimeter of the glazing panes. The glass is supported on calcium silicate setting blocks- ref: Flammi 12 (nominal - 5mm thick) and kept in position using steel glazing beads (Forster ref: 901228) pressure fitted over studs (Forster ref: 906579) spaced nominally every 210mm c/c and also fixed using M4x30mm stainless steel screws spaced nominally at 500mm c/c. Chloroprene Rubber (CR-Type, Forster ref: 905307) gasket is used between the door frames and door leaves.

Maximum tested sizes:

Single Leaf Door Assembly:

Door Frame including transom panel: 1100 x 3100 x 50mm (w x h x depth)

Door Leaf: 1020 x 2575 x 50mm (w x h x thk.)

Glass size in door leaf: 870 x 2445 x 14mm (w x h x thk.)

Clear view of glass in door leaf: 840 x 2415mm (w x h)

Double Leaf Door Assembly:

Door Frame including transom panel: 2200 x x 3100 x 50mm (w x h x depth)

Door leaf size: 1075 x 2575 x 50mm (w x h x thk.)

Glass size in door leaf: 925 x 2445 x 14mm (w x h x thk.)

Clear view of glass in door leaf: 895 x 2415mm (w x h)

FIRE RATINGS

The Fully Glazed Single or Double Leaf Doorset installed in a standard rigid masonry supporting construction qualifies for the following ratings according to EN 1634-1:2014+A1:2018: Fire resistance test for door and shutter assemblies and openable windows:

Single leaf door with transom panel:

Criteria	Results
Integrity (E)	180 Minutes
Radiation Control (W)	180 Minutes
Insulation (I ₂)	15 Minutes

Double leaf door with transom panel:

Criteria	Results
Integrity (E)	180 Minutes
Radiation Control (W)	120 Minutes
Insulation (I ₂)	15 Minutes

Note 1: The doors are tested with glazing beads on the fire side and opening away from the fire exposure which allows the uninsulated door opening towards the fire side also.

Note 2: The doors may be installed without overhead transom panels.

Note 3: For up to E 120 rating, based on direct field of application in EN 1634-1 standard with a Category B overrun time - the door and transom panel size may be extended by 15% in height and width provided the increase in overall area is limited to 20%.