

# Certificate of Compliance



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.

You have been awarded:

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

Standards: BS 476 Part 22 (1987)

Certificate number: WHI18-29215809

**Organization:** Bin Ghurair Metal Industries L.L.C.

Plot No. 597-400

Dubai Investment Park 2

Dubai

United Arab Emirates

**Product:** Bin Ghurair - BS 476 Part 22 - Swinging Type Fire Door & Frame Assembly (Honeycomb Infill)

*Spec ID:* 43264

*Fire Rating:* 2 Hour Fire Rated, 4 Hour Fire Rated

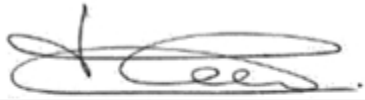
*Listing Information:* See following page(s)

**Certification body:** Intertek Testing Services NA, Inc.

**Initial registration:** April 16, 2018

**Date of expiry:** December 31, 2020

**Issue status:** 4

Authorized By:   
**Jean-Philippe Kayl, Director of Certification**

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## LISTING INFORMATION

### FIRE RESISTANT PRODUCT AND COMPONENTS

Fire door and frame assembly - Honeycomb infill type

### PRODUCT COVERED

Single and Double Leaf Steel Fire Door and Frame

### PRODUCT DESCRIPTION

Single and Double leaf (1mm thick), hollow metal type, honeycomb infill fire doors intended for use in masonry constructions.

The door frame (1.2mm thick) can be installed with or without grouting.

Limitations:

Minimum latch throw - 12mm.

### Maximum sizes for Single leaf door assembly:

**For 240 minutes rating** (as tested):

Single door frame - 976mm x 2200mm x 146mm (w x h x jamb depth)

Single door leaf - 870mm x 2132mm x 45mm (w x h x thickness)

Allowed Extended Sizes for **120 minutes or lower** fire rating:

	Width (mm) (30%)	Height (mm) (30%)	Area (sq. m) (35%)
Single Door Frame	1268 (at 2285mm height)	2860 (at 1014mm width)	2.90
Single Door Leaf	1131 (at 2214mm height)	2772 (at 903mm width)	2.50

Allowed Extended Sizes for **180 minutes** fire rating:

	Width (mm) (20%)	Height (mm) (20%)	Area (sq. m) (25%)
Single Door Frame	1171 (at 2292mm height)	2640 (at 1017mm width)	2.68
Single Door Leaf	1044 (at 2221mm height)	2558 (at 906mm width)	2.32

### Maximum sizes for Double leaf door assembly:

**For 240 minutes rating:** Double leaf door assembly not allowed for 240 minutes fire rating

**For 120 minutes rating:**

Maximum Double door frame size: 1952mm x 2200mm x 146mm (w x h x jamb depth)

Maximum Double door leaf size (each leaf): 870mm x 2132mm x 45mm (w x h x thickness)

Allowed Extended Sizes for **60 minutes or lower** fire rating:

	Width (mm) (20%)	Height (mm) (20%)	Area (sq. m) (25%)
Double Door Frame	2342 (at 2292mm height)	2640 (at 2033mm width)	5.37
Double Door Leaf	1044 (at 2221mm height)	2558 (at 906mm width)	2.32

Allowed Extended Sizes for **90 minutes** fire rating:

	Width (mm) (15%)	Height (mm) (15%)	Area (sq. m) (20%)
Double Door Frame	2244 (at 2296mm height)	2530 (at 2037mm width)	5.15
Double Door Leaf	1000 (at 2225mm height)	2452 (at 908mm width)	2.23

Allowed vision panel glass size - 225mm x 725mm x 5mm (w x h x thickness)

**RATINGS**

The single & double door and frame assembly has been evaluated in accordance with BS 476 Part 22 standards and achieved the following ratings:

Integrity	120 Minutes
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Note: Single door assemblies are allowed for up to 240 Minutes Integrity Classification period