
CERTIFICATE OF APPROVAL
No. ME0072

This is to certify that the referenced products of

QATAR METAL CONST. INDUSTRIES L.L.C.

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have been assessed against the requirements of the *warringtonfire – mideast certification scheme* and are approved for use within the scope of the test and/or assessment report(s) referenced.

Uninsulated Steel Based FD240 Doorsets

**240 Minutes Integrity Performance In Accordance With
Clause 8 Of BS 476: Part 22: 1987**

Test Report Reference	Valid Until
WF Test Report No. 167944/B (Type 1)	25 th October 2012
WF Test Report No. 191412 (Type 2)	17 th March 2015

Approved Maximum Door Leaf Dimensions		
Configuration	Leaf Height (mm)	Leaf Width (mm)
Doorset Type 1 - Latched, Single-Acting, Double-Leaf, 44 mm thick (note: inactive leaf bolted top & bottom, active leaf latched to inactive leaf at mid-height)	2141	1050
Doorset Type 2 – Latched Single-Acting, Single-Leaf, 44 mm thick. Door leaf latched at mid-height,	2140	1050

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Frame and Hardware Specification – Doorset Type 1	
Door Frame	<p>Option 1.</p> <p>Galvanised mild steel: 146 mm by 66 mm by 1.2 mm or 1.5 mm thick, including a 16 mm double rebate.</p>
	<p>Option 2.</p> <p>Galvanised mild steel: 100-250 mm (to suite wall thickness) by 52 mm by 1.2 mm or 1.5 mm thick, including a 19 mm single rebate and a 99 mm return over the wall face.</p>
	<p>Option 3.</p> <p>Galvanised mild steel: 100-250 mm (to suite wall thickness) by 57 mm by 1.2 mm or 1.5 mm thick, including a 19 mm single rebate.</p>
	<p>Option 4.</p> <p>Galvanised mild steel: 150 mm by 57 mm by 1.2 mm or 1.5 mm thick, including a 19 mm single rebate, 3 mm thick mild steel rear reinforcement plate for recessed fixing of frame, complete with steel cover caps.</p>
Hinges	<ul style="list-style-type: none"> • Consort CBH.102 102 x 76 x 3.0 mm • Consort CBH.104 102 x 102 x 3.0 mm • Consort CBH.105 114 x 102 x 3.0 mm • Consort CBH.106 114 x 114 x 3.5 mm <p>2 ball bearing stainless steel hinges, 3 off per door leaf.</p>

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Frame and Hardware Specification – Doorset Type 1 (continued)	
Lockset	Satin stainless steel Consort CH7250 euro profile cylinder mortice lock, 55mm backset, 72 mm c/c. Consort CH781.2, 70 mm euro profile double cylinder, of satin nickel plate.
Lever handles	Consort CH100 safety pattern lever handle on concealed fixing sprung roses.
Flush bolts	Consort CH282D(FB8/9) lever action flush bolt
Tolerances	All door leaves should be accurately fitted within the frame with an absolute maximum door gap (between the leaf and frame) of 3 mm.

Frame and Hardware Specification – Doorset Type 2	
Door Frame	Galvanised mild steel, 146 mm by 66 mm by 1.5 mm thick, including a 16 mm double rebate.
Hinges	Laidlaw LG.LA166.102.01.153. Stainless steel construction, 3 off per door leaf.
Lockset	Satin stainless steel Consort CH7250 euro profile cylinder mortice lock, 55mm backset, 72 mm c/c. Consort CH781.2, 70 mm euro profile double cylinder, of satin nickel plate.
Lever handles	Consort CH100 safety pattern lever handle on concealed fixing sprung roses.
Tolerances	All door leaves should be accurately fitted within the frame with an absolute maximum door gap (between the leaf and frame) of 3 mm.

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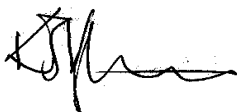
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Glazing Specification – Doorset Type 2	
Glazed Aperture Overall Sizes	520 mm high by 520 mm wide (Sight Sizes 495 mm high by 495 mm wide)
Glass	Firelite 5 mm thick
Glazing Aperture Framing	Galvanised mild steel channel 41 mm wide by 25 mm deep by 1.5 mm thick
Glass Edge Seal	Kotherm Protect-A-Tape 3 mm
Glazing Bead Frame	Galvanised mild steel profiles, 1.5 mm thick.

Certification is awarded on the basis of initial type testing to BS 476: Part 22: 1987, initial inspection and ongoing surveillance of factory production control, and ongoing compliance with the scheme requirements including the use of labels supplied by Exova Warringtonfire. The currency of the certification may be verified at www.warringtonfire.net/mideast.

Signed for and on behalf of Warrington Certification



Sir Ken Knight
Chairman - Management Council

Issued: 11th January 2008
Revised: 29th June 2010
Valid to: 10th January 2013