

CERTIFICATE OF APPROVAL
No. ME0099

This is to certify that the referenced products of

Middle East Metal and Wood Industries Co Ltd.

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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.

“45 minute” rated Timber Doors in Steel Frames

Performance In Accordance With The UBC Standard 7-2 (1997) “Fire Tests of Door Assemblies”, NFPA 252 (1999) and UL 10C (1998)

Test Report Reference	Test Report Reference
Intertek ETL SEMKO Report No. 3061295-02	Intertek Report No. 3074812-1rev

Approved Maximum Door Leaf Dimensions		
Configuration	Leaf Height (mm)	Leaf Width (mm)
Latched, Single-Acting, Double-Leaf, 44 mm thick (note: inactive leaf flush bolted top & bottom, active leaf latched to inactive leaf at mid-height)	2350	1200
Latched, Single-Acting, Single-Leaf, 44 mm thick	2350	1200

Intumescent Specification		
Intumescent Type	Intumescent Reference	Position
Concealed Intumescent Strip	38 mm by 3.9 mm Lorient Polyproducts Palusol 100	Fitted behind the door leaf lippings to the top and both vertical edges

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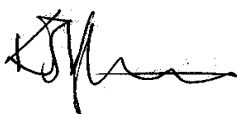
Performance In Accordance With The UBC Standard 7-2 (1997) “Fire Tests of Door Assemblies”, NFPA 252 (1999) and UL 10C (1998)

Frame and Hardware Specification	
Door Frame	16 gauge steel frame (fully mortar grouted)
Hinges	‘Hager 4BB’ 4” x 4” x 0.134” steel hinges, 4 off per door leaf.
Lockset	‘Sargent 8204’ mortise lock
Lever handles	Stainless steel lever handles
Flush bolts	‘Hager 283D’ lever action flush bolt with 2 mm thick Lorient Polyproducts Palusol 100 bedding
Astragal & steel edge	1.2 mm thick steel channel profiles fixed over the meeting edge of each leaf one profile incorporating an astragal with a 29 mm projection.
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.

Glazing System	
Glass type	6.8 mm thick ‘Pyroshield’ safety wired glass
Sight sizes (Maximum)	666 mm high by 266 mm wide
Method of glazing	Metalco glazing beads, 1.5 mm thick steel fixed together with M5 steel screws at 220 mm centres clamping the beads to the perimeter of the glass and the perimeter of the door aperture
Perimeter lining	44 mm wide by 3.9 mm thick Lorient Polyproducts Palusol 100
Glazing gasket	Anemostat GT-18 glazing tape applied to both beads

Certification is awarded on the basis of initial type testing to UBC Standard 7-2 (1997) “Fire Tests of Door Assemblies”, NFPA 252 (1999) and UL 10C (1998), initial inspection and ongoing surveillance of factory production control, and ongoing compliance with the scheme requirements including the use of labels supplied by Bodycote **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: 5th March 2009
Valid to: 4th March 2014