

CERTIFICATE OF APPROVAL

No. ME0102

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.

Timber Based FD30 Doorsets

30 Minutes Integrity and Insulation Performances In Accordance With BS 476: Part 22: 1987

Assessment Report Reference	Valid Until
Report WF No. 173489	1 st February 2014

Approved Maximum Door Leaf Dimensions			
Configuration	Leaf Height (mm)	Leaf Width (mm)	Leaf Area (m ²)
Latched, Single-Acting, Single-Leaf, 50 mm thick	2632 (At 1072 wide)	1179 (At 2393 high)	2.82
Latched, Single-Acting, Double-Leaf, 50 mm thick <small>(note: inactive leaf flush bolted top & bottom, active leaf latched to inactive leaf at mid-height)</small>	2632 (At 1072 wide)	1179 (At 2393 high)	2.82

Intumescent Specification		
Intumescent Type	Intumescent Reference	Position
Exposed Intumescent Strip	20 mm by 4 mm thick Lorient Polyproducts LP2004	Single strip self adhered into a groove located within the rebate of the vertical and head sections of the frame. Interrupted at the strike plate and hinge positions
Exposed Intumescent Strip	20 mm by 4 mm thick Lorient Polyproducts LP2004	Single strip self adhered into a groove located centrally within the meeting edge of the active leaf. Interrupted at the lockset position (Double doors only)

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Intumescent Specification (continued)		
Intumescent Type	Intumescent Reference	Position
Exposed Intumescent Strip	10 mm by 4 mm thick Lorient Polyproducts LP1004	Two strips self adhered into grooves located within the meeting edge of the passive leaf, 20 mm apart. Partially interrupted at the strike plate position, partially interrupted at the flush bolt positions (Double doors only)

Frame and Hardware Specification	
Door Frame	Hardwood 120 mm by 50 mm with a 24 mm deep rebate (minimum density 650 kg/m ³)
Hinges	'Hager' steel butt type bearing hinges, 100 mm by 30 mm (blade size). Hinge blades to be bedded on 1 mm thick Interdens intumescent sheet
Lockset	Dorma Door Controls ML 9956DL, 202 mm high by 32 mm wide (forend size). Lock body to be wrapped with 1 mm thickness of Interdens intumescent sheet. 1mm thick Interdens to be fitted beneath lock forend and strike plate. Fitted with appropriate steel lever type handles
Flush Bolts	'Hager' steel flush bolts 172 mm high by 25 mm wide. 1 mm thick Interdens to be fitted behind each bolt. (Double doors only)
Tolerances	All door leaves should be accurately fitted within the frame with an absolute maximum door gap (between the leaf and frame or leaf to leaf) of 3 mm

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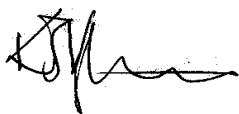
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Glazing Specification (where included)	
Glass type	6 mm thick 'Pyroshield' wired glass
Sight sizes (maximum)	547 mm high by 277 mm wide
Glazing gasket	Lorient Polyproducts System 90
Door aperture lining	2 mm thick Palusol intumescent sheet to all sides of the aperture
Beading	Hardwood 29 mm high by 15.5 mm deep with a 3.5 mm by 3.5 mm bolection return and a 19° chamfer
Bead fixings	Steel woodscrews 60 mm long fitted 50 mm from the corners and at 150 mm centres

Certification is awarded on the basis of initial type testing and assessment 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 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: 6th February 2009
Valid to: 5th February 2014