

**CERTIFICATE OF APPROVAL**  
**No. ME 0168**

This is to certify that the referenced products of

**JELD-WEN Turen GmbH**

Gleinkerau 70, A-4582 Spital am Pyhrn, HG Steyr, FN 248847b, Austria  
Tel: +43 7562 5522 Fax: +43 7562 5522

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 ‘RESPECT’ FD60 Doorsets**

**60 Minutes Integrity And Insulation Performances In Accordance With  
Clause 6 Of BS 476: Part 22: 1987**

Test Report Reference	Test Date
WF Test Report No. 170694 Issue 2	19 <sup>th</sup> February 2008
Test Report Reference	Valid Until
WF Assessment Report No. 172842	1 <sup>st</sup> June 2013

Approved Maximum Door Leaf Dimensions			
Configuration	Leaf Height (mm)	Leaf Width (mm)	Leaf Area (m <sup>2</sup> )
Latched, Single-Acting, Single-Leaf, 59 mm thick	2371 (at 1123 wide)	1235 (at 2156 high)	2.42

Intumescent Specification		
Intumescent Type	Position	Intumescent Specification
Exposed Intumescent Strips	Self-adhesive into two grooves along the top and vertical edges of the door leaf, separated by 10-15 mm. One seal fully interrupted and the other partially interrupted by the hinge blades and both partially interrupted by the lock fore plate.	2 off 10 mm by 2 mm thick ROKO STRIP L 110

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Frame and Hardware Specification	
Door Frame	165 mm by 40 mm, with a 14 mm x 63 mm rebate, hardwood (minimum density 630 kg/m <sup>3</sup> ). Ash and Iroko species are not permitted
Hinges	Mild or stainless steel construction of blade dimensions 101 mm high by 31 mm x 3 mm or CERTIFIRE approved alternative.
Lockset	Mild or stainless steel mortise latch/lockset with case dimensions up to 165 x 88 x 16.5 and maximum forend and strike dimensions of 235 x 20 mm and 188 x 40 mm respectively. Or CERTIFIRE approved alternative.
Lever handles	Grundmann Beschlagtechnik GmbH 1754FH/D51W62Z FH E sat
Tolerances	All door leaves should be accurately fitted within the frame with an absolute maximum door gap (between the leaf and frame) of 4 mm.

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 warringtonfire. The currency of the certification may be verified at [www.warringtonfire.net/mideast](http://www.warringtonfire.net/mideast).

**Signed for and on behalf of Warrington Certification**



Sir Ken Knight  
Chairman - Management Council

Issued: 9<sup>th</sup> January 2009  
Valid to: 8<sup>th</sup> January 2014