



Date : 8th Sept 2015

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	LL21	CERTIFICATE NUMBER	FRTD482
DATE OF ISSUE	15.02.12	DATE OF ISSUE	12.10.2010 last issued 07.01.2015
DATE OF EXPIRY	N/A	DATE OF EXPIRY	11.10.2015
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	Gulf Trade Link FZCO	NAME OF THE BRAND	Fire Ban
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	P.O Box 263127 Jebel Ali Free Zone Dubai UAE	MODEL / NO	Fire Ban Board FD 90
WEBSITE	www.fireban.net	LOGO ON THE PRODUCT	IFCC Label
TEL	04-8847758	EMAIL	gtlfireban@live.com



Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITYETC)	<p>Doorset A: single leaf timber doorset with a vision panel fire rated 60 minutes. The overall size of the doorset was 1005mm x 2190mm, the frame depth was 150mm and the leaf was 65.2mm.</p> <p>Doorset B: single leaf timber doorset fire rated 90 minutes. The overall size of the doorset was 1005mm x 2190mm, the frame depth was 150mm and the leaf was 65.2mm.</p>	2 & 5
TEST STANDARD (SUCH AS ASTM/BS EN/ DNETC)	<p>Doorset A: has been evaluated in accordance with BS 476-22, Method 7 "Determination of Fire Resistance of partially insulated doorsets and shutter assemblies".</p> <p>Doorset B: has been evaluated in accordance with BS 476-22, Method 7 "Determination of Fire Resistance of fully insulated doorsets and shutter assemblies".</p>	1
TEST DESCRIPTION	<p>Doorset A: has been installed with its leaf opening towards the furnace and Doorset B: with its leaf opening away from the furnace as requested by the sponsor.</p> <p>Specimen was immediately installed in the supporting construction and covered in ambient conditions, between 18 Degr C and 31 Degr C with a relative humidity 21% to 65%. The ambient temperature at the start of the test was 21 Degr C.</p> <p>A door closer was fitted on the exposed face of Door A and on the unexposed face of Door B.</p> <p>Both doorsets were latched but not locked.</p> <p>Door handles were fitted on either face of both doors.</p> <p>The gap between the door frames and the supporting was filled with ceramic fiber as requested by the sponsor.</p> <p>The time/temperature curve has been controlled using the nine thermocouples distributed in the furnace.</p> <p>The thermocouples were place at 100mm from the exposed face of the specimen.</p> <p>The pressure in the furnace was controlled at 12Pa at its relative position in the furnace, in accordance with paragraph 3.2.2 of BS 476-20:1987.</p> <p>Deflections, unexposed face temperatures and radiation for Door A only have been measured. (See appendix in test report)</p>	2 & 3
SPECIFICATION OF TEST SPECIMEN	<p>Doorset A: Single leaf timber doorset with a vision pane, overall size of the doorset was 1005mm x 2190mm.</p> <p>Door Frame: Material: Hard Wood (Density 650 Kg/m3) Dimensions: Overall 1005mm x 2190mm Section: 150mm x 65mm rebate 20mm Moisture 8.6% Intumescent: 25mm x 6mm Lorient self-adhesive strip fixed within</p>	2, 8 to 14



a groove of the dimensions 10mm from the exposed face.

Door Leaves

Dimensions: 908mm (unexposed face) / 912mm (exposed face) x 2136mm, the vertical edges of the leaf were tapered.

Thickness of the core 64mm (with 0.6mm thick veneer facings on both sides) Total leaf thickness = 65.2mm.

Intumescent: 25mm x 6mm Lorient self-adhesive strip fixed to the vertical sides and the top horizontal side of the leaf 34mm from the exposed face and 40mm x 2mm Lorient self-adhesive strip fixed centrally to the bottom horizontal side of the leaf.

Vision Panel Beading

Material: Maple Hardwood (Density 720 kg/m³), dimensions 350mm x 550mm, glued using PU glue and nailed using 2mm x 60mm nails. With thermal protection sheets made of MgO (Asbestos and Formaldehyde free), Density 1000 kg/m³ (stated), thickness 3mm, cut to various size pieces to fit on top of the maple hardwood beading glued using PU glue.

Glass

Material: Ceramic Glass

Reference: Firelite

Dimensions: 300mm x 500mm x 5mm

Fixing method: The glass sits within four independent c-channels made of intumescent material and the whole system is flushed within the aperture opening. The beading is then placed on top and nailed in place.

Intumescent profile for Glass: Fire Seal Lorient LP27 27mm x 27mm profile, fixed to the perimeter of the glass and the entire system is flushed with the opening.

Doorset B Single Leaf Timber Doorset

Door Frame

Material: Hard Wood (Density 650kg/m³)

Dimensions Overall: 1005mm x 2190mm x 150mm Depth

Section: 150mm x 65mm rebate: 20mm

Moisture: 8.3%

Intumescent: 25mm x 6mm thk Lorient self-adhesive strip fixed within a groove of the dimensions 10mm from the unexposed face but 2 no. of the same on the header, 5mm from the unexposed face of the frame, 5mm apart.

Door Leaves

Dimensions: 908mm (unexposed face) / 912mm (exposed face) x 2136mm, the vertical edges of the leaf were tapered.

Thickness of the core 64mm (with 0.6mm thick veneer facings on both sides) Total leaf thickness = 65.2mm.

Intumescent: 25mm x 6mm Lorient self-adhesive strip fixed to the vertical sides and the top horizontal side of the leaf 34mm from the exposed face and 40mm x 2mm Lorient self-adhesive strip fixed centrally to the bottom horizontal side of the leaf.


Lipping of both doorsets

64mm x 3mm thick (Density 650kg/m³), bonded to the core perimeter with PU glue.



	<p>Ironmongery for both doorsets Hinges: 4 x Stainless steel H1433/13 SSS Eurospec 30mm x 101mm x 3mm bedded in 2mm interdens. Door lock: Door A: CSL 1191 SSS Stainless steel Eurospec 152mm x 19mm Door B: Easi-T ESB5025/CT Eurospec 152mm x 25mm x 3mm face plate. Door Closer: Easi-exit DCS2025 Stainless steel Eurospec, 208mm x 58mm x 41mm, surface mounted on the exposed face of Door A and unexposed face Door B over 2mm interdens.</p>	
<p>TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)</p>	<p>Doorset A is approved for 60 minutes fire rating as during the test it attained 76 mins Integrity and 76 mins Insulation. Doorset B is approved for 90 minutes fire rating as during the test it attained 94 mins Integrity and 94 mins Insulation.</p>	4 & 5
<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN___/TO BE INSTALLED AT___/TO BE CONNECTED WITH___/TO BE INSTALLED WITH___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN___/NOT TO BE INSTALLED AT___/ NOT TO BE INSTALLED WITH___ ETC.</p>	<p>The results relate only to the behavior of the specimen of the element of construction under particular conditions of test. They are not intended to be the sole criteria for assessing the potential fire performance of the element in use nor do they reflect the actual behavior in fires. The test results relate only to the specimen tested. Application of the results to door sets of different dimensions or supported other than by a masonry wall or incorporating different components should be the subject of a design appraisal. The test result may not be appropriate to situation where the door leaf opens away from the heating conditions.</p>	6



Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	IFC Certification Ltd	NAME OF TEST FACILITY	Thomas Bell-Wright
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	20 Park Street, Princes Risborough, Buckinghamshire, HP27 9AH, UK	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	25b Street, Ras Al Khor Ind. Area P.O Box 26385, Dubai, UAE
WEBSITE	www.ifccertification.com	WEBSITE	www.bell-wright.com
TEL	+44 1844 275500	TEL	+971 (4) 333 2692
EMAIL	info@ifccertification.com	EMAIL	admin@bell-wright.com
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS (United Kingdom Accreditation Service) www.ukas.com	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	UKAS (United Kingdom Accreditation Service) www.ukas.com
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	IEC/ISO 17065	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO 17025
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	N/A	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	N/A
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0175	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	4439
CERTIFICATION MARK			



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER

NAME OF MANUFACTURER'S SIGNATORY		SIGNATURE	
EMAIL / TEL	04-8847758	FACTORY OFFICIAL SEAL	

NOTES: I Undertake that all data and information provided are genuine and accurate

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY

NAME OF CERTIFICATION BODY SIGNATORY	Ian Laithwaite	SIGNATURE	
EMAIL / TEL	ian.laithwaite@ifcgroup.com	CERTIFICATION BODY OFFICIAL SEAL	

NOTES: I Undertake that all data and information provided are genuine and accurate

ATTACHMENTS:

COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)