

Date: 23.07.2015

CERTIFICATE OF COMPLIANCE

This	certificate of comp	liance validates	s the following
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	LL21	CERTIFICATE NUMBER	589
DATE OF ISSUE	15.02.2012	DATE OF ISSUE	Date of initial BMTRADA Certification 21 May 2012 Date of last issue 07.07.2015
DATE OF EXPIRY	No expiry date; Recommended for review on a 5 year cycle	DATE OF EXPIRY	19.05.2018 subjected to periodic audit review
	Manufa	acturer details	
NAME OF FACTORY/ MANUFACTURER	Gulf Trade Link FZCO	NAME OF THE BRAND	Fire Ban Board
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	P.O. Box 263127 Jebel Ali Free Zone Dubai United Arab Emirates	MODEL / NO	(Doorset A)Fire Ban Board- Single leaf doorset with vision panel -60 (Doorset B) Fire Ban Board- Single leaf doorset – 90
WEBSITE	www.fireban.net	LOGO ON THE PRODUCT	This Door is certified to BS 476 Part 22 By BRITRADA Certification Lef. Fire Rating 60 minutes Gulf Trade Link FZCO POEX 26212 Index CAP Certificate Nos: 589 Label Nos: 60:0000 This Door is certified to BS 476 Part 22 By BRITRADA Certification Lef. Fire Rating 90 minutes Gulf Trade Link FZCO POEX 26212 Index CAP Certificate Nos: 589 Label Nos: 90:00000
TEL	04-8847758	EMAIL	gtlfireban@live.com



Product Details From Test Report		
Doorset A: single leaf timber doorset with a vision panel fire rated 60min. The overall size of the doorset was 1005 x 2190mm (w x h). The fr depth was 150mm and the leaf was 65.2mm thick. Doorset B: single leaf timber doorset fire rated 90minute. The overall size of the doorset was 1005 x 2190mm (w x h). The fr depth was 150mm and the leaf was 65.2mm thick. Doorset B: single leaf timber doorset fire rated 90minute. The overall size of the doorset was 1005 x 2190mm (w x h). The fr depth was 150mm and the leaf was 65.2mm thick. Doorset A is single leaf timber doorset with a vision panel fire rated 60min.		2 and 5
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	 Doorset A has been evaluated in accordance with BS 476-22, Method 7 Determination of fire resistance of partially insulated doorsets and shutter assemblies. Doorset B has been evaluated in accordance with BS 476-22, Method 6 Determination of fire resistance of fully insulated doorsets and shutter assemblies. 	1
TEST DESCRIPTION	Doorset A has been installed with its leaf opening towards the furnace and doorset B has been installed with its leaf opening away from the furnace as requested by the sponsor. Specimen was immediately installed in the supporting construction and covered in ambient conditions, between 18°C and 31°C, with a relative humidity of 21% to 65%. The ambient temperature at the commencement of the test was 21°C. A door closer was installed on the exposed face of door A and on the unexposed face of door B. Both doorsets were latched but not locked. The latch of door A engaged an average of 4.9mm into the latch hole with a total throw of 10.4mm. The latch of door B engaged an average of 7.3mm into the latch hole with a total throw of 10.1mm. Door handles were installed on either face of both doors. The gap between the door frames and the supporting construction was filled with ceramic fiber as requested by the sponsor. The gaps between the fixed and moveable components have been measured before the test and are given (in mm) in Appendix 1 of test report. The time-temperature curve has been controlled using the nine thermocouples distributed in the furnace. The thermocouples were placed at 100mm from the exposed face of the specimen. 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. Deflections, unexposed face temperatures and radiation for door A only have been measured (see Appendix in the test report).	2 and 3

SPECIFICATION OF TEST

SPECIMEN



دولة الامارات العربية المتحدة وزارة الداخلية القيادة العامة للدفاع المدني لجنة اعتماد المختبرات العالمية وبيوت الخبرة ومعاهد التدريب

2,8 to 14

Doorset A: Single leaf timber doorset with a vision panel, overall size of the doorset was 1005 x 2190mm (w x h).

Door Frame

Material: Hard Wood Frame Density: 650 kg/m³ (stated)

Dimensions: Overall: 1005 x 2190mm (w x h) 150mm depth

Section: 150 x 65 mm rebate:20mm

Moisture: 8.6% (measured)

Intumescent: 25x6mm thk Lorient Self adhesive strip fixed within a

groove of the dimensions 10mm from the exposed face.

Door Leaves

Dimensions: 908 (unexposed face) / 912 (exposed face) x 2136mm (w

x h), the vertical edges of the leaf were tapered.

Thickness of the core 64mm (with 0.6mm thk. veneer facings on both

sides) Total leaf thickness = 65.2mm.

Intumescent: 25x 6mm thk Lorient Self adhesive strip fixed to the vertical sides and the top horizontal side of the leaf 34mm from the exposed face and 40x2mm (w x thk.) Lorient Self adhesive strip fixed

centrally to the bottom horizontal side of the leaf

Vision panel Beading

Material: Maple hardwood, density: 720kg/m^3 , dimensions: 350 x 550mm (w x h), glued using PU glue and nailed using 2 x 60mm nails. with thermal protection sheets made of Magnesium Oxide (Asbestos and formaldehyde free), Density: 1000kg/m^3 (stated), thickness: 3mm, cut to various sized pieces to fit on top of the maple hardwood beading glued using PU Glue.

Glass

Material: Ceramic Glass
Reference: Firelite

Dimensions: 300 x 500 x 5mm (w x h x thk.)

Fixing method: The glass sits within 4 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

olace.

Intumescent profile for glass: Fire Seal Lorient LP27x27mm, 27 x 27mm profile (w x h), fixed to the perimeter of the glass and the

entire system is flushed within the opening **Doorset B : Single leaf timber doorset**

Door Frame

Material: Hard Wood Frame Density: 650 kg/m³ (stated)

Dimensions: Overall: 1005 x 2190mm (w x h) 150mm depth

Section: 150 x 65 mm rebate:20mm

Moisture:8.3% (measured)

Intumescent: 25x6mm 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: 908 (unexposed face) / 912 (exposed face) x 2136mm (w

لجنة اعتماد المختبرات العالمية وبيوت الخبرة ومعاهد التدريب



TEST RESULT (SUCH AS PASSED CRITERIA/ COMPLIED TO/ DURATION/OBSERVATION/ETC)	x h), the vertical edges of the leaf were tapered. Thickness of the core 64mm (with 0.6mm thk. veneer facings on both sides) Total leaf thickness = 65.2mm. Intumescent: 25x 6mm thk Lorient Self adhesive strip fixed to the vertical sides and the top horizontal side of the leaf 34mm from the unexposed face and 40x2mm (w x thk.) Lorient Self adhesive strip fixed centrally to the bottom horizontal side of the leaf. Lipping of both doorsets 64x3mm (w x thk.) hardwood Timber density: 650kg/m³ (stated), bonded to the core perimeter with PU glue. Ironmongery for both doorsets Hinges: Stainless steel H1433/13 SSS Eurospec 30 x 101 x 3mm (w x h x thk.) 4 nos. used over 2mm thick interdens. Door lock: Door A: CSL 1191 SSS Stainless steel Eurospec152 x 19mm Door B: Easi-T ESB5025/CT Eurospec 152 x 25 x 3mm face plate (w x h x thk.). Door closer: easi-exit DCS2025 Stainless steel Eurospec, 208 x 58 x 41mm (w x h x depth) Surface mounted on the exposed face of door A (unexposed face door B) over 2mm thick interdens. Doorset A passed approved for 60minutes as the requirements of the standards were satisfied for integrity= 76 minutes and insulation= 76 minutes because at 76′ 31″ Sustained flaming for more than 10 seconds between the glass and beading of door A. Integrity and Insulation Failure The test was discontinued after a period of 105 minutes Doorset B passed approved for 90minutes as the requirements of the standards were satisfied for integrity= 94 minutes and insulation= 94 minutes because at 76′ 31″ Sustained flaming for more than 10 seconds at the handle area of door B. Integrity and Insulation Failure The test was discontinued after a period of 110 minutes. After Test observations: • The door closers on door A had melted off. • The hinges of both doors had survived the fire test but were not operational. • The door handles of both doors on the fire side were partially melted.	5 and 4
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.	The results related 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. Application of the results to assemblies with different dimensions or incorporating different components should be subject to design appraisal. The fire doors behave differently depending on which side is exposed to the fire.	6



	Laboratory & Certific	ation Body Details	
NAME OF CERTIFICATION BODY	BM TRADA Certification Ltd. trading as BM TRADA	NAME OF TEST FACILITY	Thomas Bell-Wright International Consultants
CERTIFICATION BODY ADDRESS/REGION (STREET/TOWN/CITY/COUNTRY)	- Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, Buckinghamshire. HP14 4ND, UK. -P. O. Box 30945 Dubai, UAE.	TEST FACILITY ADDRESS/REGION (STREET/TOWN/CITY/COUNTRY)	Thomas Bell-Wright International Consultants. P.O. Box 26385, Dubai, UAE
WEBSITE	www.bmtrada.com	WEBSITE	www.bell-wright.com
TEL.	+44 (0) 1494 569700 +9714-2680130	TEL.	+971 (4) 333 2692
EMAIL	certification@bmtrada.com	EMAIL	admin@bell-wright.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	United Kingdom Accreditation Service (UKAS) www.ukas.com	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	- United Kingdom Accreditation Service (UKAS) www.ukas.com - Emirates National Accreditation System; Registration No. NAL008
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	ISO/IEC 17065	AS PER (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	ISO/IEC 17025
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	No expiry date; subject to periodic audit review	VALIDITY (EXPIRY DATE OF LABORATORY ACCREDITATION)	No expiry date; subject to periodic audit review
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	012(UKAS) NAC003 (ENAS)	REFERENCE NUMBER: (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	4439
CERTIFICATION MARK	International Five Door Manufacture BMTRADA UKAS	Envirales National Accorditation System	
		NAC 003 17065	



دولة الامارات العربية المتحدة دود 1 معرات العربية المتحدة وزارة الداخلية القيادة العامة للدفاع المدني لجنة اعتماد المختبرات العالمية

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	ISLAH	SIGNATURE	Inlah in
EMAIL / TEL	gtlfireban@live.com 04-8847758	FACTORY OFFICIAL SEAL	James All AE ON AN

	INDORSEIVIENT) TO BE SIG	NED BY CERTIFICATION BODY
NAME OF CERTIFICATION BODY SIGNATORY	Jawad Rida	SIGNATURE
	jrida@bmtrada.com	
EMAIL / TEL	04-2680130	OFFICIAL SEAL BM TRADA - Middle East
NOTES: I Undertake that		P.O. Box 30945, Dubai, U

ATTACHMENTS:

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



Date: 23.07.2015

CERTIFICATE OF COMPLIANCE

This	certificate of comp	oliance validates	the following
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	197539- В	CERTIFICATE NUMBÉR	589
DATE OF ISSUE	03.02.2011	DATE OF ISSUE	Date of initial BMTRADA Certification: 21 May 2012 Date of last issue: 07 July 2015
DATE OF EXPIRY	No expiry date; Recommended for review on a 5 year cycle	DATE OF EXPIRY	19 May 2018 Subjected to periodic audit review
	Manufa	acturer details	
NAME OF FACTORY/ MANUFACTURER	Gulf Trade Link FZCO	NAME OF THE BRAND	Fire Ban Board
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	P.O. Box 263127 Jebel Ali Free Zone Dubai United Arab Emirates	MODEL / NO	Fire Ban Board-Single acting Single leaf doorset- 90
WEBSITE	www.fireban.net	LOGO ON THE PRODUCT	This Door is certified to BS 47.6 Fart 22 By BNTRADA Conflictation Ltd. Fire Rating 90 minutes Gulf Trade Link FZCO FORK 26012 Todas UAK Certificate Nos: 589 Label Nos: 90/0000
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/ SENSITIVITY ETC)	Fully insulated Single acting single leaf doorset, fire rated for 90 min., with overall dimensions of 2155mm high by 1000mm wide and incorporate a door leaf of overall dimensions of 2105mm high by 906mm wide by 64mm thick.	1,2
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	BS 476-22: Part 22: 1987 – clause 6 'Methods for determination of the fire resistance of non-load bearing elements of construction' and BS 476 Part 20: 1987 'Methods for determination of the fire resistance of elements of construction (general principles)'.	1,5
TEST DESCRIPTION	The door leaf was hung within a hardwood frame on four stainless steel hinges ref. "HIN 1433/13SSSS 2BB". The leaf included a latch at its approximate mid-height, which was disengaged for the test duration. The doorset was provided with an overhead door closer referenced "DCS2025" and the doorset was installed such that its leaf opened towards the heating conditions of the test. The doorset was mounted within an aperture in a blockwork wall construction such that its door leaf opened towards the heating conditions of the test. The specimen's storage, construction and test preparation took place in the test laboratory over a total combined time of 2 days. Throughout this period both the temperature and the humidity were recorded within a range of 8° C to 14° C and 33% to 67% respectively. The furnace was controlled so that its mean temperature complied with the requirements of BS 476: Part 20:1987, clause 3.1 using six mineral insulated thermocouples distributed over a plane 100mm from the surface of the test construction. 5 thermocouples on the unexposed face of the leaf and 3 positioned on the unexposed surface of the frame one at the approximate mid height of each of the vertical frame members and one approximately mid span of the head member. Roving thermocouple was available to measure the temperature of the unexposed surface of the specimen at any position which might appear to be hotter than the temperature indicated by the fixed thermocouples. After the first 5 minutes of testing and for reminder of test the furnace atmospheric pressure was controlled, so that it complied with the requirements of BS 476-22: Part 20: 1987 clause 3.2.2. The calculated pressure differential relative to the laboratory atmosphere was 9.8 (±2) Pa at the head of the doorset. The ambient air temperature in the vicinity of the test construction was 10° C at the start of the test with a maximum variation of +1° C during the test.	2, 5, 13 and 14



SPECIFICATION OF TEST SPECIMEN	Fully insulated Single acting single leaf doorset with overall dimensions of 2155mm high by 1000mm wide and incorporate a door leaf of overall dimensions of 2105mm high by 906mm wide by 64mm thick. The door leaf was hung within a hardwood frame on four stainless steel hinges reference "HIN 1433/13SSSS 2BB" 102mm x 30mm x 03mm bedded with 3mm thermal protection. Frame is 650kg/m³ density beech 200mm x 65mm including 20mm deep door stop, mitered corner with single finger joint frame including 2 no. LP2506 Type 617 intumescent seal 25mm wide x 06mm thick fixed 05mm apart along rebate of door frame jambs and head,. The door leaf core referenced "FIREBAN", Comprised of a 3 no. layer particleboard construction with 3 mm thick thermal protection sheet, density= 1000kg/m³ inner facing lining to the core material, 3mm thick MDF, density 750kg/m³ outer facings, and 3mm thick hardwood beech 650kg/m³ density lipping, density= 650kg/m³ on the vertical edges and bottom edge of the door leaf, all bonded with PU glue. Door leaf intumescent seal is LP2506 Palusol 25mm wide x 06mm thick self adhesive fixed within a central groove along vertical edges and top edge of door leaf and LP4006 Palusol 40mm wide 06mm thick self adhesive fixed within a central groove along bottom edge of door leaf. The leaf included a DLE7255EPSSS stainless steel 85mm x 150mm latch at its approximate mid-height, which was disengaged for the test duration, bedded with 3mm thermal protection sheet. The doorset was provided with an overhead 235mm x 60mm x 40mm deep door closer referenced "DCS2025" bedded with 3mm thermal protection sheet. The doorset was installed such that its leaf opened towards the heating conditions of the test.	2, 5, 9 , 10 and 11
TEST RESULT (SUCH AS PASSED CRITERIA/ COMPLIED TO/OBSERVATION/ETC)	The passed door approved for 90 min. The requirements of the standards were satisfied by the Doorset Integrity= 93 min, Insulation= 93 min because at 93' 40" a cotton pad is applied to an area approximately 50mm above the latch position of doorset ignited. Integrity failure is deemed to occur. The test was discontinued after a period of 101 min.	2, 28 and 15
PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED INTO 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.	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 result to doorsets of different dimensions or supported other than by a masonry wall or incorporating different components should be the subject of design appraisal. The test result may not be appropriate to situation where the door leaf opens away from the heating conditions.	25



NAME OF CERTIFICATION BODY	BMTRADA Certification Ltd. trading as BM TRADA	NAME OF TEST FACILITY	Exova Warington Fire
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, Buckinghamshire. HP14 4ND, UK. P. O. Box 30945 Dubai, UAE.	TEST FACILITY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Holmesfield Road Warrington WA1 2DS United Kingdom
WEBSITE	www.bmtrada.com	WEBSITE	www.exova.com
TEL	+44 0 1494 569700 +9714-2680130	TEL	+44 (0) 1925655116
EMAIL	certification@bmtrada.com	EMAIL	warrington@exova.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	- United Kingdom Accreditation Service (UKAS) www.ukas.com - Emirates National Accreditation System (ENAS)	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	- United Kingdom Accreditation Service (UKAS) <u>www.ukas.com</u>
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	ISO/IEC17065-2012	AS PER (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	No expiry date; subject to periodic audit review	VALIDITY (EXPIRY DATE OF LABORATORY ACCREDITATION)	
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	00120012 (UKAS) NAC003 (ENAS)	REFERENCE NUMBER: (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	
CERTIFICATION MARK	International Fire Door Manufacture BMTRADA UK.S.	E/AS	7



NAME OF	(IGNED BY MANUFACTURER	
NAME OF MANUFACTURER'S SIGNATORY	ISLAH	SIGNATURE '	HOLD WE HELD THE SERVICE
EMAIL / TEL	gtlfireban@live.com 04-8847758	FACTORY OFFICIAL SEAL	Jobel All Dubal - U.A.E.

(1	ENDORSEMENT) TO BE SIG	NED BY CERTIFICATION BODY
NAME OF CERTIFICATION BODY SIGNATORY	Jawad Rida	SIGNATURE
EMAIL / TEL	jrida@bmtrada.com 04-2680130	CERTIFICATION BODY BM TRADA - Middle East OFFICIAL SEAL P.O. Eox 30945, Dubai, UAE
NOTES: I Undertake that	all data and information pr	rovided are genuine and accurate

ATTACHMENTS:

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