Date: Jun 09, 2025

CERTIFICATE OF COMPLIANCE – WHI23-39132902-UAE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	0079-23-TR-03-04	**CERTIFICATE NUMBER**	WHI23-39132902
DATE OF ISSUE	August 2, 2023	**DATE OF ISSUE**	August 26, 2023
DATE OF EXPIRY	Not applicable	**DATE OF EXPIRY**	December 31, 2025
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Al Talah Board Manufacturing Company Ltd	**NAME OF THE BRAND**	Al Talah
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Plot No. KHIA4-05, Abu Dhabi Free Zone (KIZAD) P.O. Box 41543 Taweelah, Abu Dhabi United Arab Emirates	**MODEL / NO**	Al Talah - Palm Strand Board Fire Door Core - 90-Minute - EN 1634-1/BS 476 Part 22
WEBSITE	www.desertboard.ae	**LOGO ON THE PRODUCT**	N/A
TEL	+971 2 2467042	**EMAIL**	mariappan.subramanian@desertboard.ae

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)	Product Covered Al Talah - Palm Strand Board Fire Door Core - 90-Minute - EN 1634-1/BS 476 Part 22 Product Description Al Talah - Palm Strand Board Fire Door Core. Palm Strand Board (PSB) fire door cores are mainly produced from palm leaves, waste woods and binding agents. Overall core thickness 64mm (three layers of 21.8mm thickness), density of 800kg/m3. Tested Door Size: 1000 x 2400 x 54mm (w x h x thk.)	Page 2, 3, 4
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 1363-1:2020 – Fire resistance tests - Part 1: General requirements. EN 1634-1:2014+A1:2018 – Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware – Part 1: Fire resistance test for door and shutter assemblies and openable windows BS 476-20:1987; Fire tests on building materials and structures - Part 20: Method for determination of the fire resistance of elements of construction (general principles) BS 476-22:1987; Fire tests on building materials and structures - Part 22: Method for determination of the fire resistance of elements of construction.	Page 2
TEST DESCRIPTION	**TEST REPORT – 0079-23-TR-03-04** **Installation:** The door leaves were received with the ironmongery already installed into the door. The installation started with the door frame fixed into the supporting construction using steel screws with the dimensions of 6mm x 125mm with plastic plugs. The door leaves are then installed onto the frame using 4 screws for each hinge with a dimension of 4.5mm x 31mm. The gaps between the frame and the supporting construction is then filled with BOSS 813+ fire retardant foam, after drying, the excess is then trimmed off then the door closer is installed on the door leaves and the exposed foam is then covered with Lorient Intumescent Sealant. Once the intumescent sealant has dried off, the Architrave is installed on the frame with the use of wood glue from RITVER(PW1612) and nails with dimensions of 1.5mm x 34mm, the arm shoe and forearm are then installed on the architrave and is connected to the door closer. The Lorient intumescent fire seals are then installed, two sets of 20x4mm strips are installed on the allocated locations for the frames, and another one with a strip of the same dimension is installed for the door leaves, an elastomer silicone synthetic rubber is installed adjacent to the strips	Page 6, 7, 8, 10

	on the frame. The striker plate is installed on the frame, the location where the striker plate would be installed in the provided cut-out. **Supporting Construction:** The door set was installed within a glazed associated supporting construction which was in turn installed within a rigid standard supporting construction (according to EN 1363-1 standard) made of 150mm thick autoclaved aerated concrete blocks with a nominal density of 500kg/m³ and a structural opening of size 1108mm x 2460mm (w x h). The supporting construction filled the test frame of dimensions 4240x4240mm, made of a steel H-profile. The whole construction was used to close the furnace. **Conditioning:** The door set was installed by the manufacturer from 15-Jun-2023 to 19-Jun-2023 in the previously conditioned supporting construction. The test specimen was conditioned for 2 days afterwards under following conditions: – relative humidity: min RH (%): 35.7, max RH (%): 69.8, – temperature: min temp. (ºC): 24.2, max temp. (ºC): 33.9. **Operability test**: The test element(s) prior to the fire resistance test and after conditioning was submitted to operability according to EN 16034:2014, by operating 25 cycles of opening to 90° and fully closed of the door leaf. The arm of the door closer is fixed to the door frame. **Closing force measurements:** A door closer was installed on the exposed face of both door leaf samples. The maximum closing force of the door leaves 1 and 2, measured prior to the test, to an opening distance of 100mm, was 34.9N and 56.1N respectively. **Final settings:** Prior to the fire resistance test, the test specimen(s) was subjected to a final closing involving opening the leaf to a distance of approximately 300 mm and returning it to the closed position. The door was latched but not locked and the key was removed from the lock. The door closer is as per normal application on site, connected and operational. **Full details are available in the test reports 0079-23-TR-03-04 and Intertek Spec ID: 73941.**	
SPECIFICATION OF TEST SPECIMEN	Product Covered Al Talah - Palm Strand Board Fire Door Core - 90-Minute - EN 1634-1/BS 476 Part 22 Product Description Al Talah - Palm Strand Board Fire Door Core. Palm Strand Board (PSB) fire door cores are mainly produced from palm leaves, waste woods and binding agents.	Page 2, 3, 4

<table>
<tr><td></td><td>Overall core thickness 64mm (three layers of 21.8mm thickness), density of 800kg/m3.

Tested Door Size: 1000 x 2400 x 54mm (w x h x thk.)

Full details are available in the test reports 0079-23-TR-03-04 and Intertek Spec ID: 73941.</td><td></td></tr>
<tr><td>TEST RESULT
(SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)</td><td>0079-23-TR-03-04 - The product noted above has been evaluated according to the requirements of the standards EN 1634-1:2014+A1:2018 and BS 476 Part 22 and has qualified for the following fire ratings:
<table><tr><th>Criterion</th><th>Rating</th></tr><tr><td>Integrity (E)</td><td>90 Minutes</td></tr><tr><td>Insulation (I_2)</td><td>90 Minutes</td></tr></table>
Full details are available in the test reports 0079-23-TR-03-04 and Intertek Spec ID: 73941.</td><td>Page 27</td></tr>
<tr><td>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.</td><td>Product Covered
Al Talah - Palm Strand Board Fire Door Core - 90-Minute - EN 1634-1/BS 476 Part 22

Product Description
Al Talah - Palm Strand Board Fire Door Core.

Palm Strand Board (PSB) fire door cores are mainly produced from palm leaves, waste woods and binding agents.
Overall core thickness 64mm (three layers of 21.8mm thickness), density of 800kg/m3.

Tested Door Size: 1000 x 2400 x 54mm (w x h x thk.)

Full details are available in the test reports 0079-23-TR-03-04 and Intertek Spec ID: 73941.

Product should be Installed as per the Installation Instructions from the Manufacturer.</td><td>Not Applicable</td></tr>
</table>

Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	Intertek Testing Services NA. Inc.	**NAME OF TEST FACILITY**	Emirates Safety Laboratory
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	545 E. Algonquin Rd. Arlington Hts, IL 60005 USA	**TEST FACILITY ADDRESS / REGION** (STREET / TOWN / CITY / COUNTRY)	Al Warsan III, Dubai, United Arab Emirates.
WEBSITE	www.intertek.com	**WEBSITE**	www.emirateslaboratory.com
TEL	(847) 439-5667	**TEL**	+971 4 520 1800
EMAIL	jp.kayl@intertek.com	**EMAIL**	ask@eslglobal.com
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	International Accreditation Services (IAS) (http://iasonline.org)	**ACCREDITED BY** (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	International Accreditation Service, Inc. (IAS)
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	ISO 17065	**AS PER** (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	ISO 17025
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	From 11/03/2016 expiry date not specified	**VALIDITY** (EXPIRY DATE OF LABORATORY ACCREDITATION)	From 29/06/2023 expiry date not specified
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	PCA-101	**REFERENCE NUMBER:** (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	TL 1038
CERTIFICATION MARK	INTERTEK CM RECOGNIZED COMPONENT		

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Mr. Mariappan Subramanian	**SIGNATURE**	
EMAIL / TEL	mariappan.subramanian@desertboard.ae +971 2 2467042	**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	Mr. Alireza Tabatabaei	**SIGNATURE**	*SA Tabatabaei*
EMAIL / TEL	alireza.tabatabaei@intertek.com +971 4 317 8777	**CERTIFICATION BODY OFFICIAL SEAL**	Arlington Heights, Illinois, USA Reviewed and Approved intertek
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)**