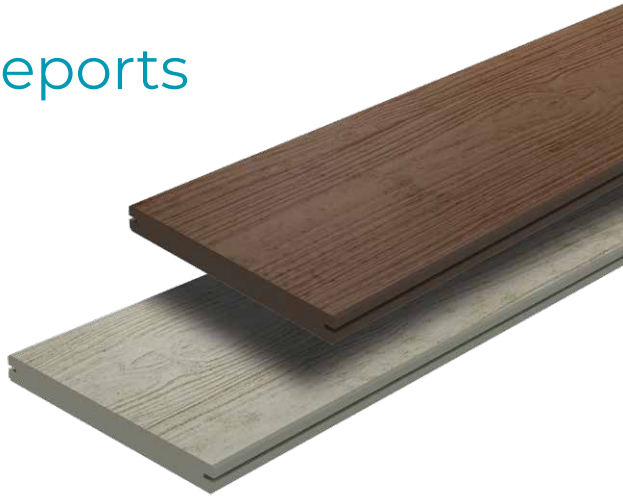
Luxura®

Mineral Composite Decking System

Consolidated test reports and certifications

Edition: **Five**

Date: **August 2026**



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Non-combustible decking systems

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Introduction

This document collates the testing and certification reports of the MyDek Luxura mineral composite decking board.

MyDek and Blazeboard formed an exclusive partnership in 2022 to distribute the Luxura decking range. In 2024, MyDek acquired Blazeboard, including full control over production and patent protection. Prior to the acquisition, testing and certification was carried out under the Blazeboard name.

The technical specification in terms of the material composition and performance of the product remains unchanged and the patented IP of the material and manufacturing process remains the property and control of MyDek.

Index

Luxura® Mineral Composite Decking 4

1.0 Reaction to Fire Classification Report 6

2.0 CE Mark, Verification of Conformity 10

3.0 BS7976 Pendulum Slip Test 20

4.0 Table Leg Tset - Technical Report 32

5.0 REACH – (Registration, Evaluation, Authorisation and restriction of Chemicals) Report. 40

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Non-combustible decking systems

Luxura® Mineral Composite Decking

A unique, patented high density mineral composite designed to replicate the aesthetic of hardwood timber and is truly the ultimate decking board.

Luxura® decking boards capture the natural look and feel of timber and deliver outstanding durability, A1 ultimate non-combustibility as well as being super-low maintenance. The high-density composite is exceptionally resistant against scratching, wear and tear and will endure all extremes of weather conditions.

Engineered to Perform

Careful engineering means that the high density compound can be machined and drilled in a similar way to hardwood timber (using correct cutting tools) and is much faster, simpler and cleaner to cut than materials such as stone or porcelain.

You can relax with Luxura®. This high-performance composite feels both natural and solid underfoot and will never twist, warp or rot.

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1.0 Reaction to Fire Classification Report

IMPORTANT NOTE:

The Reaction to Fire Classification issued 13/01/2026 on pages 7-9 supercedes the classification shown in the CE mark report issued 3/3/2021 pages 11-18.

Following the original CE testing report it was noted that the Reaction to Fire Rating was very close to achieving A1 and that a change in the mould release agent used in the manufacturing process enabled the A1 rating to be achieved. The further test was carried out and verified this fact, as demonstrated in the certificate on pages 7-9.

Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

AUTHORIZED BODY **NOTIFIED BODY**

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

Applicant: MyDek Ltd
11 Arkwright Road
Reading, RG2 0LU

Prepared by: Institut pro testování a certifikaci, a.s.
Divize CSI – Centrum stavebního inženýrství
Pražská 16, 102 00 Praha 10
Czech Republic

Product: Luxura

Classification report No.: PK-26-005

Issue number: 1/2

Date of issue: 13th January 2026

This classification report consists of 3 pages and may only be used or reproduced in its entirety.

Address:
PRAŽSKÁ 16, 102 00 PRAHA 10, Czech Republic, E mail: csias@csias.cz, http://www.csias.cz
Reg. No. 47910381, VAT No. CZ47910381.
Fire Technical Laboratory, E-mail: ptl@csias.cz
Phone: +420 281 017 111, Fax: +420 281 017 455

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product *Luxura* is defined as a type of decking, cladding and soffit board.

Description:

The product *Luxura* is fully described in the test reports in support of the classification listed in clause 2.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
ITC a.s., AZL 1007.4	Blazeboard Ltd	21/P399	EN ISO 1716
		21/P400	EN ISO 1182

Measured values and test results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
EN ISO 1716	PCS (MJ/kg)	4	0,53	≤ 2 (A1)
EN ISO 1182	ΔT (°C) Δm (%) t_f (s)	5 5 5	6,6 12,4 0	≤ 30 (A1) ≤ 50 (A1) = 0 (A1)

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clauses 11.8.1 of EN 13501-1:2018.

Classification

The product *Luxura* in relation to its reaction to fire behaviour is classified:

A1

The additional classification in relation to smoke production is:

not classified

The additional classification in relation to flaming droplets/particles is:

not classified

The format of the reaction to fire classification for *Luxura* is:

Fire behaviour		Smoke production			Flaming droplets	
A1	-	s	not classified	,	d	not classified

Reaction to fire classification: A1

Field of application

This classification is valid for the following product parameters:

- thickness: without limitations
- density: (1,64 ± 0,15) g/cm^3

4. LIMITATIONS

Restrictions

This classification report is valid, provided that the technical specifications of the product will not be changed.

Warning

This document does not represent type approval or certification of the product.

Prepared: Reviewed:

Jiří Socha

Vít Slaboch
head of laboratory

2.0 CE Mark, Verification of Conformity

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Test Verification of Conformity

Verification Number: 200814005SHF -VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant CE mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Blazeboard Limited Three Gables, Corner Hall, Hemel Hempstead, HP3 9HN
Product Description:	Fiber-Cement Board
Ratings & Principle Characteristics:	Reaction to fire: Class A2 - s1, d0 Mechanical resistance: B3 Water impermeability: No water drops Dangerous substance: SVHC < 0.1% Durability against: Pass
Model & Specification:	WG Decking Boards(type: Blazeboard Decking) / 2440*150*25mm
Brand Name:	Blazeboard
Relevant Standards/Directives:	EN 12467:2012+A2:2018 Construction Products Regulation (CPR) No.305/2011
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Date of Tests:	2020-08-21~2021-02-18
Test Report Number(s):	200814005SHF-002; 755200007 (issued by NB 1390)

Daniel Zhang

Signature

Name: Daniel Zhang
Position: Asst. Operation Manager
Date: 3rd March 2021

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Blazeboard Limited

TEST REPORT

SCOPE OF WORK
Fiber-Cement Board

REPORT NUMBER
200814005SHF-002

TEST DATE(S)
2020-08-14 - 2021-02-18

ISSUE DATE
2021-03-01

PAGES
13

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10n(May 1, 2020)
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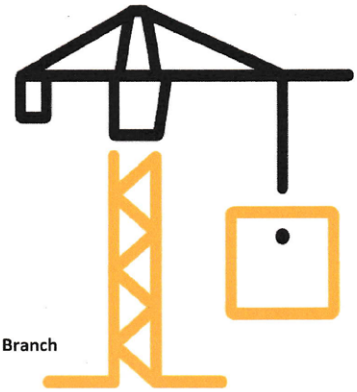

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: 021-61136116 Fax: 021-61189921
Website: www.intertek.com

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Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: 021-61136116 Fax: 021-61189921
Website: www.intertek.com

Test Report

Issue Date:	2021-03-01	Intertek Report No.	200814005SHF-002
Applicant:	Blazeboard Limited		
Address:	Three Gables, Corner Hall, Hemel Hempstead, HP3 9HN		
Attn:	Kirsten Brenner		

Sample information

Product:	Fiber-Cement Board
Trade Mark:	Blazeboard
Model and/or type reference:	2440*150*25mm / WG Decking Boards (type: Blazeboard Decking)
Material:	/
Classification of installation and use:	Intended use: As internal or external finishes in walls or ceilings subject to reaction to fire regulations

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Sample ID:	S200814005SHF.001~010
Date of receipt of test item:	2020-08-21
Date (s) of performance of tests:	2020-08-21~2021-02-18

Testing information

Standard:	EN 12467:2012+A2:2018
Rating(s):	Reaction to fire Class A2 - s1, d0
Possible Test Case Verdits	
Test Case does not apply to the Test object:	N/A (Not Applicable)
Test object does meet the requirement:	P (Pass)
Test object does not meet the requirement:	F (Fail)

The submitted samples were tested in accordance with specified standards, and listed the result accordingly, refer to text for detail.

Note:

Report Authorized

Flora Fan Mason Wang

Name: Flora Fan
Title: Reviewer

Name: Mason Wang
Title: Project Engineer

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Test Report

Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-002

Test Items, Method and Results:

EN 12467:2012+A2:2018 Fibre-cement flat sheets - Product specification and test methods				
Clause	Requirement - Test		Result - Remark	Verdict
5.3	Dimensions and tolerances			
5.3.2	Nominal Length and Width The manufacture shall specify the nominal length and width of the sheets		Nominal Length: 2440mm Nominal Width: 150mm	N/A
5.3.3	Thickness The manufacture shall specify the nominal thickness of the sheets		Nominal Thickness: 25mm	N/A
5.3.4	Tolerance on nominal dimensions			
5.3.4.1	Tolerance on length and width Tolerance on length and width shall be in accordance with Table 1, for the appropriate level.		Measured length: 2440mm Measured width: 150.01mm Tolerance on length: 0mm Tolerance on width: 0.01mm Complied with Level I	P
	Nominal Dimension a	Level I	Level II	
	a≤600mm	±3mm	±4mm	
	600mm<a≤1000mm	±3mm	±5mm	
	1000mm<a≤1600mm	±0.3%a	±0.5%a	
	1600mm<a	±5mm	±8mm	
	a is the nominal width or length			
5.3.4.2	Tolerance on thickness For textured sheets, tolerance shall be in accordance with Table 3.		Measured thickness: 24.83mm Tolernace on thickness: -0.17mm Max. deviation within one sheet: 0.9%	P
	e≤6mm	-0.6mm + 0.9mm		
	6mm<e≤20mm	-10%e + 15%e		
	e>20mm	-2mm + 3mm		
	For textured sheets, the maximum difference between extreme values of the eight thickness measurements within one sheet shall not exceed 15 % of the maximum measured value.			
5.3.5	Tolerance on shape			
5.3.5.1	Straightness of edges The tolerance on the straightness of edges are defined as a percentage of the length of the edge of the relevant dimensions (length or width), and shall be in accordance with table 4 for the appropriate level.		Measured: max. 0.27% Complied with Level II	P
	Level I	Level II		
	0.1%	0.3%		

Page 4 of 13

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-002

EN 12467:2012+A2:2018 Fibre-cement flat sheets - Product specification and test methods			
5.3.5.2	Squareness of edges The tolerance on squareness of sheets shall be in accordance with table 5, for the appropriate level. Level I: 2mm/m Level II: 4mm/m	Measured: max. 0.67mm/m Complied with Level I	P
5.4	Physical requirement and characteristics		
5.4.2	Apparent density The manufacture shall specify in his literature the minimum apparent density for each category and each class of sheet. When tested in accordance with the method specified in 7.3.1 the density shall be not less than this value	Measured: 1499 kg/m^3	N/A
5.4.3	Moisture movement The manufacturer's literature shall state the percentage value of linear sheet moisture movement measured when the sheet is exposed to a relative humidity change from 30 % to 90 %. The stated value shall be determined in accordance with 7.3.7 using the test method given in Annex C.	Parallel to the long dimension: 0.07% Perpendicular to the long dimension: 0.06%	N/A
5.4.4	Mechanical characteristics - Bending strength When tested as specified in 7.3.2, the minimum modulus of rupture of the sheets, expressed in megapascals, shall be as specified in Table 6. The MOR shall be the average of the values obtained from testing the sample in both directions. min. MOR in the wet condition Mpa: Classes / Category A & B 1 / 4 2 / 7 3 / 13 4 / 18 5 / 24 min. MOR in the ambient laboratory conditions Mpa: Classes / Category C & D 1 / 4 2 / 7 3 / 10 4 / 16 5 / 22	For Category B Wet condition: average 16.7 MPa minimum 15.4 MPa Class 3	P
5.4.5	Water impermeability for Categories A, B and D When tested in accordance with 7.3.3, traces of moisture may appear on the under face of the sheet, but in no instance shall there be any formation of drops of water.	For Category B The traces of moisture was appeared on the under face of the sheet. No any formation of drops of water	P

Page 5 of 13

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-002

EN 12467:2012+A2:2018 Fibre-cement flat sheets - Product specification and test methods			
5.5	Durability requirements		
5.5.2	Freeze-thaw for categories A, B and D When tested in accordance with 7.4.1, after 100 freeze-thaw cycles for Category A and 25 cycles for Category B and D, the ratio RL as defined in 7.4.1.4 shall be not less than 0.75	For Category B RL=0.95	P
5.5.3	Heat-rain for categories A and B When tested in accordance with 7.4.2, after 50 heat-rain cycles for Category A and 25 cycles for Category B, any visible cracks, delamination, warping and bowing or other defects in the sheets shall not be of such a degree as to affect their performance in use. a) Water tightness is tested according to 5.4.4. b) Warping and bowing are visually assessed.	For Category B No visible cracks or damage after 25 cycles	P
5.5.4	Warm water for categories A, B, C and D When tested in accordance with 7.3.5, after 56days at 60℃, the radio RL as defined in 7.3.5.4 shall be not less than 0.75	For Category B RL=0.96	P
5.5.5	Soak-dry for categories A, B, C and D When tested in accordance with 7.3.6, after 50 soak-dry cycles for category A and 25 cycles for category B, C and D the radio RL as defined in 7.3.6.4 shall be not less than 0.75	For Category B RL=1.00	P
5.6	Fire and safety		
5.6.1	Reaction to fire When subject to the regulatory requirements, the reaction to fire of the sheets shall be declared in accordance with 7.5.	Class A2-s1, d0 See report of Notified Body 1390 in Appendix B	P
5.6.2	Release of dangerous substances Materials used in products shall not release any dangerous substances in excess of the maximum permitted levels specified in a relevant European Standard for the material or permitted in the national regulations of the member state of destination.	Meet requirement of EU REACH Regulation No. 1907/2006 Article 33(1) by default when no SVHC exceed 0.1%(w/w). Asbestos qualitative test was performed as per NIOSH 9002: 1994, Actinolite, Amosite, Crocidolite, Tremolite, Anthophyllite, Chrysotile were negative See Intertek Report No. 200814005SHF-003 for details	P

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EN 12467:2012+A2:2018 Fibre-cement flat sheets - Product specification and test methods			
6	Evaluation of conformity		
6.1	General The conformity of the component with the requirements of this document shall be demonstrated by: Clause 6.2 and 6.3		
6.2	Initial type testing Shall be performed to demonstrate conformity with this standard or be demonstrated according to information given in this standard	Refer to clause 5.3 to 5.6	—
6.3	Factory production control The manufacturer shall establish, document and maintain a FPC system to ensure that the products placed on the market comply with the declared performance of the essential characteristics.	See Appendix A 'ISO 9001 Certificate'	P
8	Marking, labelling and packaging The packaging of sheets shall be marked with at least the following: a) Manufactures identification; b) Number of this European Standard (EN 12467); c) Size and/or name; d) Category; e) Class; f) Level of tolerances; g) Date of manufacture; h) "NT"; i) Trade name.	See Appendix C 'Copy of marking plate'	N/A

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3.0 BS7976 Pendulum Slip Test

Page 1 /4

Increasing Safety by Reducing Risk

BS7976 -2 Pendulum Slip Test

UK SLIP RESISTANCE GROUP

Principal Direction

Customer: BlazeBoard
Test Number: FS41062
Operator: Glenn MacLaughlan
Date of Test: April 2021
On Site: Sample at head office
Pendulum Calibration Number: CN 642
Pendulum serial number: SK1595
Slider Type & Certificate No: Four S96
Contaminate Description: Water
Reference: Woodgrain

Floor Safe Ltd: 5 White Hill Rd - Barton le Clay - Bedfordshire MK45 4PF. 0845 643 1317
Registered in England and Wales no: 4955370

Calibration Checks Done:

lapping accepted 65+/-3	64	63	63	63	**62**
Glass accepted:7+/-3	9	8	8	8	**8**
Pavegras Tile:	37	36	36	36	**36**

Theory

A site assessment is an important component in determining the slip risk of any given floor. The HSE's pedestrian slip potential model highlights important environmental factors in a slip. Contaminating substances, frequency and methods of cleaning, types of footwear and likely pedestrian behaviour all affect the potential for a slip incident and are given due consideration.

Research carried out by the Health and Safety Laboratory, in conjunction with the UK Slip Resistance Group (UKSRG), has shown that it is possible to assess the characteristics of floor surface materials needed for satisfactory slip resistance. The Health and Safety Laboratory has developed a "reliable and robust" test method that forms the basis of Floor Safes assessment procedure.

The pendulum skid test forms the basis of the coefficient of dynamic friction measurement of a floor. A calibrated 'foot' swings from a horizontal point of release, strikes the flooring surface for a known distance, then reads the "pendulum test value" on its over swing. The rubber slider that contacts the floor is constructed of '4S' rubber (Standard Simulated Shoe Sole) and is designed to replicate the most common slipping motion experienced by pedestrians wearing shoes. A softer, more malleable, rubber (TRL rubber) may be used to simulate a barefoot or casual shoe slip. Pendulum testing is one of the few methods that models the formation of a hydrodynamic squeeze film between the floor and shoe sole, a major factor in a wet slip.

Test surfaces are subject to eight measurements of the PTV with the first three being discounted from calculations of the mean.

A prepared standard rubber slider attached to a weighted 'shoe' is allowed to swing from a horizontal point of release. The slider is mounted on a spring loaded bracket and makes contact with the floor for a known distance. The height to which the shoe travels after contacting the floor gives a reading of the Pendulum Test Value (PTV, formally known as SRV Slip Resistance Value). The dynamic coefficient of friction of a test surface has a direct and measurable effect on the PTV reading obtained.

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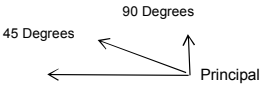
Tested Directions



HSE Guidelines for pedestrian slip

- **0 – 24 High Risk for Slip potential**
- **25 – 35 Moderate Risk for Slip Potential**
- **36+ Low Risk for slip potential.**

	1	2	3	4	5	6	7	8	Result PTV	Risk level of slip potential
Dry										
Principal	66	65	64	63	63	63	63	63	**63**	**Low**
45 degree	60	61	60	59	58	58	58	58	**58**	**Low**
90 degree (or closest to)	64	63	62	60	60	60	60	60	**60**	**Low**
					Classification of 3 Directions				**60 PTV**	**Low Risk**
Wet										
Principal	46	45	43	43	43	43	43	43	**43**	**Low**
45 degree	49	48	47	46	46	46	46	46	**46**	**Low**
90 degree (or closest to)	55	54	52	51	51	51	51	51	**51**	**Low**
				Classification / Average of 3 Directions					**47 PTV**	**Low Risk**
				Classification / Lowest of 3 Directions					**43 PTV**	**Low Risk**

Glenn MacLaughlan is the Managing Director of Floor Safe Ltd. The company was started in 2007 and has provided pendulum slip testing for many major UK businesses. Glenn is also a member of the UK Slip Resistance Group. The UKSRG is the leading independent authority on slip resistance in the UK.

* It is a clear requirement of UK Law that floor surfaces must not present risks to health. Although there is no requirement to meet >35ptv . In every legal case we have known, a 'low risk' classification (36+PTV) has been a key point of interest in determining whether a surface is safe or slippery.

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Statistics taken from the HSE and UKSRG show how the risk of slip potential decreases once the PTV increases

PTV	Accident risk exposure
19	1 in 2
24	1 in 20
27	1 in 200
29	1 in 10,000
34	1 in 100,000
36	1 in 1,000,000

Values of Tangents and the Relationship to Pendulum Floor Testing Values

Slope Angle	Exact Calculations	Rounded Figures (for ease of remembering)	New Minimum PTV Value Required (To Nearest Whole Figure)	Exact
1 degree	100 x Tangent of 1 degree (0.0174550) =	1.75 PTV	38	(37.75)
2 degrees	100 x Tangent of 2 degrees (0.034921) =	3.50 PTV	40	(39.50)
3 degrees	100 x Tangent of 3 degrees (0.052408) =	5.25 PTV	42	(41.25)
4 degrees	100 x Tangent of 4 degrees (0.069927) =	7.00 PTV	43	(43.00)
5 degrees	100 x Tangent of 5 degrees (0.087489) =	8.75 PTV	45	(44.75)

Clients include: .

CONSTRUCTION INDUSTRY – COUNCILS:

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ST HELENS – BEFORDSHIRE - IPSWICH - ST ALBANS - BRADFORD - LUTON - HORSHAM – BIRMINGHAM.

LEISURE – HOTELS – RESTAURANTS:

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OTHER:

NHS – WEMBLEY – THE O2 – LONDON OLYMPICS 2012 BASKETBALL STADIUM – BRIGHTON AND HOVE ALBION FC – EATON AEROSPACE - LUTON AIRPORT – HEATHROW AIRPORT – JONES LANG LASSALLE – HAMMERSON – SELFRIDGES – HARRODS.

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The Pendulum Slip Value Readings were correct at the time of test. However this does not indicate the readings will remain the same this can be due to the installation, daily maintenance and the volume of foot falls. **If a sample has been sent for lab testing we highly recommend a re-test in situ, due to environmental conditions and batch variations.** Reported results in no way imply that the flooring under test is approved or endorsed by Floor Safe Ltd Floor Safe Ltd do not give or assume warranty or condition, express or implied, statutory or otherwise, as to condition, quality, performance, merchantability or fitness for the purpose of the test subject and all such warranties and conditions are hereby excluded save to the extent that such exclusion is absolutely prohibited by law. Floor Safe Ltd shall not be liable for any subsequent loss or damage incurred by the client as a result of information contained within this report. **Results given herein refer only to areas or sample tested by Floor Safe Ltd** ***Please note: The uncertainty of measurement of the pendulum, can be around +- 2 or 3 ptv.** Samples are held at head office for reference for up to 1 month. Samples returned are void of all results above due great variations of enviromental conditions.

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Page 1 /4

Increasing Safety by Reducing Risk

BS7976 -2 Pendulum Slip Test

UK SLIP RESISTANCE GROUP

Customer: BlazeBoard
Test Number: FS41062
Operator: Glenn MacLaughlan
Date of Test: 3rd June 2020
On Site: Sample Sent To Office

Pendulum Calibration Number: CN 642
Pendulum serial number: SK1595
Slider Type & Certificate No: Slider 55
Contaminate Description: Water
Surface: Blazeboard Woodgrain

Principal Direction

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Calibration Checks Done:

lapping accepted 65+/-3	64	63	63	63	**62**
Glass accepted:7+/-3	9	8	8	8	**8**
Pavegras Tile:	37	36	36	36	**36**

Theory

A site assessment is an important component in determining the slip risk of any given floor. The HSE's pedestrian slip potential model highlights important environmental factors in a slip. Contaminating substances, frequency and methods of cleaning, types of footwear and likely pedestrian behaviour all affect the potential for a slip incident and are given due consideration.

Research carried out by the Health and Safety Laboratory, in conjunction with the UK Slip Resistance Group (UKSRG), has shown that it is possible to assess the characteristics of floor surface materials needed for satisfactory slip resistance. The Health and Safety Laboratory has developed a "reliable and robust" test method that forms the basis of Floor Safes assessment procedure.

The pendulum skid test forms the basis of the coefficient of dynamic friction measurement of a floor. A calibrated 'foot' swings from a horizontal point of release, strikes the flooring surface for a known distance, then reads the "pendulum test value" on its over swing. The rubber slider that contacts the floor is constructed of '4S' rubber (Standard Simulated Shoe Sole) and is designed to replicate the most common slipping motion experienced by pedestrians wearing shoes. A softer, more malleable, rubber (TRL rubber) may be used to simulate a barefoot or casual shoe slip. Pendulum testing is one of the few methods that models the formation of a hydrodynamic squeeze film between the floor and shoe sole, a major factor in a wet slip.

Test surfaces are subject to eight measurements of the PTV with the first three being discounted from calculations of the mean.

A prepared standard rubber slider attached to a weighted 'shoe' is allowed to swing from a horizontal point of release. The slider is mounted on a spring loaded bracket and makes contact with the floor for a known distance. The height to which the shoe travels after contacting the floor gives a reading of the Pendulum Test Value (PTV, formally known as SRV Slip Resistance Value). The dynamic coefficient of friction of a test surface has a direct and measurable effect on the PTV reading obtained.

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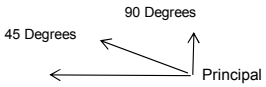
Tested Directions



HSE Guidelines for pedestrian slip

0 – 24 High Risk for Slip potential
25 – 35 Moderate Risk for Slip Potential
36+ Low Risk for slip potential.

	1	2	3	4	5	6	7	8	Result PTV	Risk level of slip potential
Dry										
Principal	94	93	92	92	92	92	92	92	**92**	**Low**
45 degree	90	89	88	87	87	87	87	87	**87**	**Low**
75 degree	88	87	86	86	86	86	86	86	**86**	**Low**
					Classification of 3 Directions				**89 PTV**	**Low Risk**
Wet										
Principal	39	38	37	37	37	37	37	37	**37**	**Low**
45 degree	42	40	39	39	39	39	39	39	**39**	**Low**
75 degree	47	45	45	45	45	45	45	45	**45**	**Low**
				Classification / Average of 3 Directions					**40 PTV**	**Low Risk**
				Classification / Lowest of 3 Directions					**37 PTV**	**Low Risk**

Glenn MacLaughlan is the Managing Director of Floor Safe Ltd. The company was started in 2007 and has provided pendulum slip testing for many major UK businesses. Glenn is also a member of the UK Slip Resistance Group. The UKSRG is the leading independent authority on slip resistance in the UK.

* It is a clear requirement of UK Law that floor surfaces must not present risks to health. Although there is no requirement to meet >35ptv . In every legal case we have known, a 'low risk' classification (36+PTV) has been a key point of interest in determining whether a surface is safe or slippery.

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Statistics taken from the HSE and UKSRG show how the risk of slip potential decreases once the PTV increases

PTV	Accident risk exposure
19	1 in 2
24	1 in 20
27	1 in 200
29	1 in 10,000
34	1 in 100,000
36	1 in 1,000,000

Clients include: .

CONSTRUCTION INDUSTRY – COUNCILS:

MORGAN SINDALL – WILLMOTT DIXON – LANG O ROURKE -ROBERT MCALPIEN – NETWORK RAIL – GALLIFORD TRY – BABCOCK – CARILLION – OVERBURY – ST GEORGE – SKANSKA – LENDLEASE – MCALPIEN – COFELY – MACE – KIER – BECK – BAM – ISG
ST HELENS – BEFORDSHIRE - IPSWICH - ST ALBANS - BRADFORD - LUTON - HORSHAM – BIRMINGHAM.

LEISURE – HOTELS – RESTAURANTS:

DAVID LLOYD – BANNATYNE – AMEDIA – FITNESS FIRST -HILTON – RAMADA – MARRIOT – BROWNS – CLARIDGES – TRAVELODGE PREMIER INN – JURYS INN -NANDOS – CARLUCCIOS – COTE – BYRON – TGI FRIDAY – STARBUCKS – CAFE ROUGE – CAFE NERO – WETHERSPOONS – GREGGS.

OTHER:

NHS – WEMBLEY – THE O2 – LONDON OLYMPICS 2012 BASKETBALL STADIUM – BRIGHTON AND HOVE ALBION FC – EATON AEROSPACE - LUTON AIRPORT – HEATHROW AIRPORT – JONES LANG LASSALLE – HAMMERSON – SELFRIDGES – HARRODS.

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The Pendulum Slip Value Readings were correct at the time of test. However this does not indicate the readings will remain the same this can be due to the installation, daily maintenance and the volume of foot falls. **If a sample has been sent for lab testing we highly recommend a re-test in situ, due to environmental conditions and batch variations.** Reported results in no way imply that the flooring under test is approved or endorsed by Floor Safe Ltd Floor Safe Ltd do not give or assume warranty or condition, express or implied, statutory or otherwise, as to condition, quality, performance, merchantability or fitness for the purpose of the test subject and all such warranties and conditions are hereby excluded save to the extent that such exclusion is absolutely prohibited by law. Floor Safe Ltd shall not be liable for any subsequent loss or damage incurred by the client as a result of information contained within this report. **Results given herein refer only to areas or sample tested by Floor Safe Ltd** ***Please note:** **The uncertainty of measurement of the pendulum, can be around +- 2 or 3 ptv.**

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4.0 Table Leg Test Technical Report

SATRA Technology Centre Ltd
Wyndham Way, Telford Way, Kettering,
Northamptonshire, NN16 8SD United Kingdom
Tel: +44 (0) 1536 410000
email: info@satra.com
www.satra.com

MyDek Limited 11 Arkwright Road Reading West Berks RG2 0LU UK	SATRA reference:	FLO0331071 2219 3
	Report ID/Issue number:	22831/1
	Your reference:	PO1108
	Date samples received:	12/05/2022
	Date(s) work carried out:	12/05/2022 to 06/07/2022
	Date of report:	07/07/2022

TECHNICAL REPORT

Testing of one product described by the customer as
'MyDek Luxura Mineral Composite Decking with Woodgrain Finish' to
EN ISO 16581:2019.

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.
Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.
When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.
Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class or level.
Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.
Where a report contains SATRA guidelines values then uncertainty of measurement values have been taken into account when determining the guideline values and as such are not considered when determining pass/ fail criteria.

Please note that where uncertainty of measurement values have not been included then uncertainty has not been applied to these results. SATRA uncertainty of measurement values are however available upon request.

Report signed by: Philip Weal

Department: Furniture and Floor Coverings

SATRA TECHNOLOGY

Technical Report

TESTING OF ONE SAMPLE DESCRIBED BY THE CUSTOMER AS "MYDEK LUXURA MINERAL COMPOSITE DECKING WITH WOODGRAIN FINISH" TO EN ISO 16581:2019 – FURNITURE LEG TEST (USING FOOT TYPE "0" +32KG; FOOT TYPE "2" +100KG; AND FOOT TYPE "3" +70KG).

As requested by MyDek Limited, SATRA has conducted an assessment of the effect of a simulated movement of a furniture leg on a sample, as detailed below.

CONCLUSION

When tested in accordance with EN ISO 16581:2019, the sample submitted under reference "MyDek Luxura Mineral Composite Decking with Woodgrain Finish", has demonstrated high resistance to the effect of the simulated movement of a furniture leg, with no significant damage observed [4].

SAMPLE SUBMITTED

Sample reference: "MyDek Luxura Mineral Composite Decking with Woodgrain Finish" [1]

Appearance:

Date into conditioning: 12 May 2022
Testing completed: 06 July 2022
Testing conducted by: Philip Weal

TESTS CARRIED OUT

- EN ISO 16581:2019 – Resilient and laminate floor coverings - Determination of the effect of simulated movement of a furniture leg [2,3,4]

Notes:

(1) Information supplied by the Customer. Not verified by SATRA.
(2) In a deviation from the test method, due to the size of the test machinery, the testing was carried out at ambient temperature immediately after removal form the conditioned laboratory.
(3) Due to the nature of the product, it was tested mounted by the customer to an aluminium frame.[1]
(4) Surface scratches and marks as well as gloss changes are not considered as damage as per Clause 6.2 in this standard.

SATRA Report Reference: FLO0331071 2219
Report ID/Issue number: 22831/1

For further information:
T: +44 (0)3300 94 94 11
E: sales@mydek.com

mydek.com

SATRA TECHNOLOGY

Technical Report

RESULTS

EN ISO 16581:2019 – Resilient and laminate floor coverings -- Determination of the effect of simulated movement of a furniture leg [2,3,4]

Foot Type	Property assessed	Direction of manufacture	90° to the direction of manufacture
Type 0, with an applied mass of 32 kg	Flatness deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating edges	None	None
	Transfer of brass	None	None
Type 2, with an applied mass of 100 kg	Flatness deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating edges	None	None
	Transfer of brass	None	Slight [4]
Type 3, with an applied mass of 70 kg	Flatness deterioration	None	None
	Damage which partially destroys surface	None	None
	Cuts of varying depth	None	None
	Penetrating edges	None	None
	Transfer of brass	None	Very Slight [4]

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SATRA TECHNOLOGY

Technical Report

COMMENTS

This test is intended as a method for determining the resistance of an installed resilient or laminate floorcovering to the mechanical stress resulting from the simulated movement of a furniture leg with rounded edges and different loadings. SATRA are not aware of another method of this nature for decking products, and have tested using this method at the explicit request of the customer.

The test floor is first secured to a substrate to represent final installation, in this case the customer supplied the product secured to an aluminium frame [3]. The sample was then conditioned at 23 ºC / 50 % RH for a minimum period of five days prior to testing.

The test was then conducted in both directions with each of the Foot Types defined in EN ISO 16581:2019, and listed in Table A.2

Table A.2 – Test Feet, as defined in EN ISO 16581:2019

Type	Applied Mass (kg)	Horizontal Edge radius RH (mm)	Vertical Edge Radius RV (mm)	Distance between opposite vertical faces (mm)
3	70 ± 0.5%	3 ± 0.05	0.1 ± 0.05	34.6 ± 0.05
2	100 ± 0.5%	2 ± 0.05	0.1 ± 0.05	33.6 ± 0.05
0	32 ± 0.5%	0.1 ± 0.05	0.1 ± 0.05	31.7 ± 0.05

The simulated furniture leg with the applied test load and foot is placed in contact with the test floor surface. After a dwell time of at least 60 seconds the loaded foot is then moved 700 mm across the test surface at a specified speed. After completion of the testing the sample is inspected for any deterioration in surface flatness, surface damage, cuts of varying depth, penetrating edges and/or transfer of brass in the first 600mm of the test length.

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TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

1. GENERAL

1.1 Work done, Services undertaken or the sale of Goods are subject to the terms and conditions detailed below and (subject to clause 5.2) all other conditions, warranties and representations, expressed or implied by statute relating thereto are hereby excluded.

1.2 SATRA Technology Centre Limited, its subsidiaries and associated companies (hereinafter referred to as "SATRA") may perform Services for or supply Goods to persons or entities (public, private or governmental) issuing instructions (hereinafter termed the "Client"). Each also known individually as a Party, or jointly as Parties.

1.3 These terms and conditions will apply to the Contract between SATRA and the Client to the exclusion of any other terms which the Client may seek to impose or which may be implied by trade, custom, practice or course of dealing

1.4 Unless otherwise agreed in writing no party other than the Client is entitled to provide instructions or information relating to the Goods or Services required or to the delivery of goods, results, reports or certificates.

1.5 All references in these terms and conditions to:

(a) the "Contract" is the contract between SATRA and the Client for the supply of Goods or Services which is made subject to these terms and conditions; and
(b) "Services" are the work or services to be supplied or performed under the Contract (including where relevant the supply of software, components and consumables); and
(c) "Goods" are the equipment, consumables or other physical items sold under the Contract (including documents, drawings or other information required in order to operate the equipment).

1.6 All drawings, descriptive matter, specifications and advertising material (including brochures and catalogues) are issued or published with the sole purpose of giving an indication of the goods or services being described and shall not form part of the Contract.

1.7 Where SATRA and the Client agree that the sale of Goods shall be governed by Incoterms 2010 (or any subsequent revision thereto) then the sale shall be governed by the relevant Incoterms mode of transport which is agreed by SATRA and the Client.

2. FEES AND PAYMENT

2.1 Where SATRA has agreed to perform the Services or supply the Goods on the basis of credit then payment terms are net 21 days from date of invoice, unless otherwise specified and may require part payment prior to delivery of the Services or Goods. In the event of the Client failing to make payment as agreed SATRA will be entitled to withhold delivery of the Goods or Services or cancel the Contract. SATRA reserves the right to charge interest on any overdue payments at a rate of 1.5% per month accruing on a daily basis from the date the invoice is due until the date payment is received.

2.2 Where the provision of Services or the sale of Goods is subject to a proforma invoice then SATRA shall not be obliged to start working on the provision of the Goods or Services until after payment in full has been made as cleared funds to SATRA.

2.3 SATRA reserves the right to charge for any and all expenses incurred as a result of performing the Services required by the Client. Although SATRA will try and provide an estimate of such expenses these may change as a result of circumstances out of SATRA's control.

2.4 Unless otherwise agreed in writing, the price for the Goods or Services shall be the price set in the order acknowledgement. SATRA shall not be bound by any price quoted which is not in writing. Prices for the sale of Goods include packing cases and materials but not carriage or installation which will be quoted separately and as agreed with the Client.

2.5 Quotations are valid from the date of issue for a period of 90 days unless otherwise specified or agreed in writing.

2.6 Should the Client become insolvent, bankrupt, subject to an administration order, enter into liquidation or receivership, or make arrangements with creditors SATRA reserves the right to cancel the Contract and terminate the supply of the Goods or Services. Where the Contract with SATRA is terminated all outstanding monies due from the Client to SATRA shall be immediately payable, and any materials supplied by SATRA to the Client returned. Termination of the Contract shall be without prejudice to any of SATRA's accrued rights.

2.7 All invoices issued by SATRA are payable in full. The Client is responsible for payment of withholding and any other taxes and all import duties. Payments made to SATRA shall not be reduced by such amounts.

2.8 The Client shall not be entitled to withhold or defer payment due to SATRA as a result of any dispute or counter claim that it may allege against SATRA.

2.9 SATRA reserves the right to bring action against the Client in order to collect unpaid fees, including court action. All fees associated with such actions shall be paid for by the Client including legal fees and related costs.

2.10 Where unforeseen costs arise as a result of provision of the Goods or carrying out the Services SATRA shall inform the Client immediately but reserves the right to charge additional costs to cover said costs and expenses.

3. INTELLECTUAL PROPERTY RIGHTS

3.1 All intellectual property rights belonging to a Party prior to entry into the Contract shall remain with that Party. Nothing in this Contract shall allow transfer of any intellectual property rights from one Party to the other.

3.2 In the event of certification services the use of certification marks by the Client may be subject to national and international laws and regulations. The responsibility for the use of these certification marks lies solely with the Client.

3.3 All intellectual property rights in reports, drawings, graphs, charts, photographs or any other material (in whatever medium) produced by SATRA pursuant to this Contract shall belong to SATRA. The Client shall have the right to use said material in accordance with the terms of this Contract.

3.4 The Client agrees and acknowledges that SATRA retains any and all proprietary rights in concepts, ideas and inventions that may arise during the preparation or provision of any report (including any deliverables provided by SATRA to the Client) and the provision of the Services to the Client.

3.5 All intellectual property rights in any software supplied to the Client shall belong to SATRA or SATRA's licensors. With respect to the sale of SATRA Timeline, SATRASUMM and SATRA Visionstitch, provided that the Client is a member of SATRA and has paid its annual Smartcare fee then the Client will be entitled to use the software for its own internal use and will be entitled to receive minor software upgrades and fixes. SATRA may however terminate the supply of software upgrades and fixes for older versions of software which it no longer considers viable to support. The Client's rights to use the software and receive software upgrades and fixes will terminate if the Client has not paid its annual Smartcare fee. Major upgrades are not included within the entitlement to upgrades but may be offered by SATRA from time to time for an additional fee.

3.6 SATRA shall observe all statutory provisions with regard to data protection including but not limited to the provisions of the Data Protection Act 2018 and the EU General Data Protection Regulation (GDPR) Regulation (EU) 2016/679. To the extent that SATRA processes or gets access to personal data in connection with the Services or otherwise in connection with this Contract, it shall take all reasonable technical and organisational measures to ensure the security of such data (and guard against unauthorised or unlawful processing, accidental loss, destruction or damage to such data).

4. SUSPENSION OR TERMINATION OF SERVICES

4.1 Cancellation by the Client of orders for Goods or Services will only be acceptable by prior agreement with SATRA and a charge will usually be made.

4.2 SATRA shall not be liable for any delay or failure in providing the Goods or Services due to circumstances beyond its reasonable control (including any failure by the Client to comply with its obligations). If any such circumstances arise which prevent SATRA from delivering the Goods or completing the Services, then SATRA will be entitled to cancel or reschedule the delivery of Goods or Services at its discretion. In the event of cancellation SATRA will be entitled to retain all fees paid by the Client for Goods or Services already supplied but will refund to the Client any fees paid by the Client for Goods or Services which have not yet been supplied. The Client will not be liable for any non-refundable expenses already incurred by SATRA in relation to Goods or Services not yet supplied unless the cancellation is due to the Clients failure to comply with its obligations under the Contract.

5. LIABILITY AND INDEMNIFICATION

5.1 Reports are issued on the basis of information, documents and or samples submitted to SATRA by the Client, or on behalf of the Client and are provided solely for the benefit of the Client who is responsible for acting as it sees fit on the basis of such reports and findings. Subject to clause 5.2, neither SATRA nor any of its employees, agents or subcontractors shall be liable to the Client or any third party for any actions taken or not taken on the basis of such findings and reports, nor for any incorrect results arising as a result of unclear, erroneous, incomplete, misleading or false information provided to SATRA.

5.2 Nothing in these terms and conditions shall limit or exclude SATRA's liability for:

(a) death or personal injury caused by its negligence or the negligence of its employees or agents;
(b) fraud or fraudulent misrepresentation;
(c) breach of the terms implied by Section 12 of the Sale of Goods Act 1979;
(d) defective products under the Consumer Protection Act 1987; or
(e) any other liability which cannot be limited or excluded by applicable law.

5.3 Subject to clause 5.2 SATRA shall not be liable to the Client whether in contract, tort (including negligence), breach of statutory duty or otherwise arising under or in connection with the Contract for loss of profits, sales, contracts, anticipated savings, loss or damage to goodwill or any indirect or consequential loss.

5.4 Subject to clause 5.2 SATRA's total aggregate liability to the Client, whether in contract, tort (including negligence), breach of statutory duty or otherwise arising under or in connection with the Contract shall be limited to the total amount of fees for the Services or the price of the Goods (excluding any value added tax or other sales tax or expenses) payable by the Client to SATRA under the Contract or £100,000 whichever is the lower figure.

6. MISCELLANEOUS

6.1 If any one or more provisions of these conditions are found to be illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

6.2 During the course of providing the Goods or Services and for a period of one year thereafter the Client shall not directly or indirectly entice, encourage or make any offer to SATRA's employees to leave their employment with SATRA.

6.3 The use of SATRAs corporate name or registered marks for advertising purposes is not permitted without SATRA's prior written authorisation.

6.4 All reports and documentation which are supplied to the Client under the Contract remain the property of SATRA until paid in full. Under no circumstances will a Client's purchase order override SATRA's retention of title in accordance with this clause.

6.5 The Client acknowledges that in entering into this Contract it has not relied on any representation, warranty, collateral contract or other assurance (except those set out or referred to in these terms and conditions) made by or on behalf of SATRA or any other party before entering into the Contract. The Client waives all rights and remedies that, but for this clause, might otherwise be available to it in respect of any such representation, warranty, collateral contract or other assurance.

6.6 All provisions of the Contract that limit or exclude the liability of SATRA are intended also to be for the benefit of SATRA's holding company (called SATRA, and being a company limited by guarantee and incorporated in England and Wales with company number 00153475), and shall accordingly be enforceable by such holding company as well as or instead of by SATRA, and on the basis that any limit on the liability of SATRA shall apply to it and to such holding company in the aggregate.

7. CONFIDENTIALITY

7.1 Unless specifically excluded in the terms of an individual contract between SATRA and the Client, the following shall apply to all deliverables including, reports, advice, drawings, photographs, specifications, data or other forms of media.

7.2 Deliverables referred to in clause 7.1 shall not be disclosed to third parties or used in litigation without the consent of SATRA.

7.3 Where SATRA has given consent to disclosure of any service deliverables referred to in clause 7.1, the Client shall draw the attention of the third party to these terms of business and the basis on which SATRA undertakes testing, reporting and advising. The Client shall indemnify SATRA for any failure to do so.

7.4 The service deliverables referred to in clause 7.1 are submitted to the Client as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which has come into the public domain through no breach of this Contract by the Client.

7.5 The Client shall not disassemble, remove parts or carry out any form of analysis on goods or materials sold by SATRA for the purposes of reverse engineering or obtaining information on the construction, content or composition of the item without the consent of SATRA.

8. AMENDMENT

8.1 No amendment to this Contract shall be effective unless it is in writing, expressly stated to amend this Contract and signed by an authorised signatory of both Parties.

9. DISPUTE RESOLUTION

9.1 If there should be a dispute between the parties to this Agreement they undertake to act with goodwill and to use all reasonable endeavours to resolve that dispute.

9.2 Failure to resolve any dispute by discussions between the parties shall, in the first instance, be referred to a mediator for resolution. The parties shall attempt to agree upon the appointment of a mediator, upon receipt, by either of them, of a written notice to concur in such appointment. Should the parties fail to agree within 21 days, either party, upon giving written notice, may apply to the President or the Vice President, for the time being, of the Chartered Institute of Arbitrators, for the appointment of a mediator.

9.3 Should the mediation fail, in whole or in part, either party may, upon giving written notice, and within twenty-eight days thereof, apply to the President or the Vice President, for the time being, of the Chartered Institute of Arbitrators, for the appointment of a single arbitrator, for final resolution. The arbitrator shall have no connection with the mediator or the mediation proceedings, unless both parties have consented in writing. The arbitration shall be governed by both the Arbitration Act 1996 and the Controlled Cost Rules of the Chartered Institute of Arbitrators (2000 Edition), or any amendments thereof, which Rules are deemed to be incorporated by reference into this clause. The seat of the arbitration shall be England and Wales.

9.4 The laws of England shall govern the interpretation of this Contract. Subject to clauses 9.1, 9.2 and 9.3 any dispute arising out of or in connection with the Contract shall be subject to the exclusive jurisdiction of the courts of England. However, the Party obtaining a judgement in such courts shall be entitled to enforce it in any court it chooses.

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TERMS AND CONDITIONS FOR THE SALE OF GOODS AND/OR THE PROVISION OF SERVICES

10. PROVISION OF SERVICES

10.1 SATRA shall provide Services using reasonable care and skill and in accordance with the Clients specific instructions and as confirmed by SATRA as part of the Contract review process.

10.2 Estimates for completion of the Services are made in good faith and date from receipt of a written order, payment of a proforma invoice if required, full information and samples to enable SATRA to proceed. While SATRA will make every effort to fulfil them, such estimates are subject to unforeseen events and if not achieved, cannot give rise to any claim. Time will not be of the essence in relation to the performance of the Services.

10.3 Results given in test reports or certificates refer only to samples submitted for analysis to SATRA. A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested.

10.4 SATRA may delegate all or part of the Services to a subcontractor and the Client authorises SATRA to disclose all information required to undertake the Services.

10.5 Where the Client requests SATRA to witness testing of other services being undertaken by a third party the Client agrees that SATRAs sole responsibility is to be present at the time of the work and to forward the results or confirm that the service has been undertaken. The Client agrees that unless otherwise agreed SATRA is not responsible for the condition or calibration of any equipment unless provided by SATRA.

10.6 Unless otherwise agreed in advance, test samples will be retained for 6 weeks from the date of the final report after which time they will be disposed of and SATRA shall cease to have any responsibility for such samples.

Where the nature of the samples or the Services undertaken results in specialist disposal then SATRA reserves the right to pass the cost of such disposal onto the Client. Storage for longer periods may be possible only if agreed in advance and may incur a storage charge payable by the Client.

Where practical and agreed in advance, samples may be returned at the Client's expense. However, samples are in most instances partially or fully destroyed as part of the work undertaken and SATRA cannot guarantee that samples will be returned in an "as new" condition.

10.7 Where SATRA receives documents reflecting engagements between the Client and third parties or documents belonging to third parties, such documents shall be considered as being for information only and shall not release the Client from any or all obligations to SATRA.

10.8 SATRA reserves the right to make changes to the Services, provided that such changes do not materially affect the nature or quality of the provision of these Services or where they are necessary in order to ensure that any applicable laws or safety requirements are complied with.

10.9 The Client acknowledges that SATRA by providing the Services, neither takes the place of the Client or any third party or releases them from any of their obligations.

11. CLIENT RESPONSIBILITIES RELATING TO THE PROVISION OF SERVICES

11.1 The Client shall provide sufficient samples, information, instructions and documents as required to enable SATRA to carry out the Services in accordance with the methods, standards or other specifications as agreed.

11.2 Where applicable the Client shall allow access by members of SATRA staff to such premises where the Services are to be performed and provide any specialist equipment and personnel.

11.3 The Client shall inform SATRA in advance of any known hazards, dangers or other safety matters relating to samples submitted to SATRA or on site visits made by SATRA.

11.4 Where the Client fails to comply with any of its responsibilities SATRA reserves the right to suspend any Services until such time as the Client has complied and may require the Client to reimburse SATRA the amount of any additional costs arising from the suspension.

12. DELIVERY AND NON-DELIVERY OF GOODS

12.1 Delivery dates for the supply of the Goods are approximate only and not guaranteed. Time of delivery is not of the essence of the Contract and SATRA shall not be liable for any delay in delivery of Goods.

12.2 Should expedited delivery be requested and agreed, SATRA shall be entitled to make additional charges to cover overtime or any other additional costs.

12.3 Delivery of the Goods shall take place at such location as SATRA and the Client agree. If the Client agrees to collect the Goods from SATRA's premises, then delivery will take place at those premises in which case the consignment of Goods as recorded by SATRA upon dispatch shall be evidence of the Goods received by the Client unless the Client can provide conclusive evidence to the contrary.

12.4 SATRA shall not be liable for the non-delivery of Goods (even if caused by SATRA) unless the Client provides written notice of non-delivery in accordance with clause 13.2. Liability for non-delivery of Goods shall in any event be limited to replacing the Goods within a reasonable time frame or the issue of a credit note to the value of the Goods not delivered.

12.5 Should delivery of the Goods be suspended or delayed by the Client for any reason SATRA reserves the right to charge for storage and for all expenses incurred, including loss of or wastage of resources that cannot otherwise be used. If the delay extends beyond 30 days SATRA shall be entitled to immediate payment for any Goods that are ready for delivery, and any other additional costs.

12.6 If for any reason the Client fails to accept delivery of any of the Goods when they are ready for delivery, or SATRA is unable to deliver the Goods on time because the Client has not provided appropriate instructions, documents, licenses or authorisations then risk in the Goods shall pass to the Client, the Goods and/or Services shall be deemed to have been delivered, and SATRA may store the Goods until delivery, whereupon the Client shall be liable for all related costs and expenses (including, without limitation, storage and insurance).

13. RISK/TITLE OF GOODS

13.1 Subject to clause 12.6 the risk in the Goods will transfer to the Client on delivery of the Goods unless SATRA and the Client have agreed that the sale of the Goods will be governed by Incoterms 2010 (or any subsequent revision thereto) in which case risk will transfer to the Client in accordance with the Incoterms mode of transport which is agreed by SATRA and the Client.

13.2 The Company shall not accept responsibility for loss or damage in transit unless:

a) In the case of sales where delivery of Goods is made in the United Kingdom SATRA is notified by the Client within 10 days of the invoice date of non-arrival of Goods and within 3 days of the invoice date of receipt of Goods damaged in transit; or
b) In all other cases the Client notifies SATRA on the non-arrival or damage in transit within a reasonable period of time as determined by SATRA.

13.3 Title to the Goods shall not pass to the Client until the earlier of when: -

a) SATRA receives payment in full (in cash or cleared funds) for the Goods and any other Goods that SATRA has supplied to the Client in which case title to the Goods shall pass at the time of payment of all such sums; and
b) the Client resells the Goods in accordance with clause 13.5 in which case title shall pass to the Client immediately before the time at which the resale by the Client occurs.

13.4 Until ownership of Goods has passed to the Client, the Client shall:

a) hold the Goods as SATRA's bailee;
b) store the Goods (at no cost to SATRA) separately from all other goods belonging to the Client or any third party in such a way that they remain readily identifiable as SATRA's property (including where the Goods have been sold to a 3rd party);
c) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
d) maintain the Goods in satisfactory condition and keep them insured on SATRA's behalf for their full price against all risks to the reasonable satisfaction of SATRA. The Client shall obtain an endorsement of SATRA's interest in the goods on its insurance policy. On request the Client shall allow SATRA to inspect such Goods and shall produce the policy of insurance.

13.5 The Client may resell the Goods before ownership has passed to it solely on condition that sale shall be effected in the ordinary course of the Client's business at full market value.

13.6 If before title to the Goods passes to the Client, the Client becomes subject to any of the events referred to in clause 2.6 then without limiting any other right or remedy SATRA may have:

a) the Client's right to resell the Goods or use them in the ordinary course of its business ceases immediately; and
b) SATRA may at any time require the Client to deliver up all Goods in its possession that have not been resold or irrevocably incorporated into another product; and
c) if the Client fails to do so promptly SATRA may exercise its rights under clause 13.7.

13.7 The Client grants SATRA, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Client's right to possession has terminated, to recover them.

13.8 On termination of the Contract, howsoever caused, SATRA's (but not the Client's) rights contained in this clause 13 shall remain in effect.

14. PATENTS

14.1 SATRA gives no indemnity against any claim of infringement of Letters Patent, Registered Design, Trade Mark or Copyright by the use of or sale of any article or material supplied to the Client. If its use is impossible without infringement of Letters Patent, Registered Design, Trade Mark or Copyright published at the date of the contract, SATRA will refund to the Client the purchase price of the said article or material provided that it is returned to SATRA free of charge. The Client warrants that any design or instruction furnished or given by the Client shall not be such as will cause SATRA to infringe any Letters Patent, Registered Design, Trade Mark or Copyright in the execution of the Client's order.

15. WARRANTY OF GOODS

15.1 SATRA warrants that on delivery and for a period of 12 months from the date of delivery or within the shelf life of the Goods (whichever is the shorter period) the Goods shall be free from defects in design, material and workmanship.

16. DEFECTIVE GOODS

16.1 Subject to clauses 16.6 and 16.7 if:

a) the Client gives notice in writing to SATRA in accordance with clause 16.3 and during the period referred to in clause 15.1 that the Goods do not comply with the warranty in that clause; and
b) SATRA is given a reasonable opportunity of examining such Goods; and
c) the Client (if asked to do so by SATRA) returns such Goods to SATRA's place of business then SATRA will, at its option, repair or replace the defective Goods or refund the price of the defective Goods in full. SATRA reserves the right to repair the Goods at the Client's premises.

16.2 The Client must inspect all Goods upon delivery. Failure to do so may result in further charges being applied in the event of a return.

16.3 If Goods are found to be faulty, defective or damaged the Client must inform SATRA in writing as soon as reasonably possible and in any event within 10 working days of the fault, damage or defect being discovered.

16.4 Without prejudice to clause 16.1 if no notice of rejection has been received by SATRA within 3 months of delivery, the Client shall be deemed to have accepted the Goods.

16.5 SATRA will pay the reasonable costs of carriage, packaging and insurance for any defective Goods which are returned by the Client provided that SATRA is liable under clause 16.1 to repair or replace the defective Goods. If SATRA determines that the Goods are not defective or if SATRA is not liable to repair or replace the Goods due to the circumstances under clauses 16.6 or 16.7 then the Client will be responsible for the payment of such costs.

16.6 SATRA shall not be under any liability to repair or at its option replace or pay for the repair or replacement of any Goods which are found to be defective if:

a) the defect is caused or substantially caused by wear and tear, overloading, misuse, neglect, modification or attempted modification carried out by any organisation other than by SATRA or their approved agents, or use with ancillary equipment not approved in writing by SATRA, or default in proper maintenance or cleaning; or
b) the Client authorises or carries out any repair or replacement of any Goods without first affording SATRA a reasonable opportunity to replace or repair them; or
c) the Client has breached any of the terms of the Contract under which the Goods were supplied; or
d) the Goods have been manufactured to a design or specification or in compliance with other information provided by the Client and the defect has arisen as a result of that design, specification or information;

16.7 Where Goods or parts of Goods are not manufactured by SATRA then SATRA shall be liable for defects only to the extent that SATRA obtains redress from the manufacturer or supplier thereof provided that:

a) SATRA shall not be obliged to take any step to attempt to obtain such redress except at the request and expense of the Client and upon provision by the Client of a full indemnity as to costs for which SATRA may thereby become liable;
b) nothing in this condition 16.7 shall have effect as to impose upon SATRA any additional liability or obligations other than those referred to in condition 16.1.

16.8 Except as provided in clause 16.1 SATRA shall have no liability to the Client arising from any failure of the Goods to comply with the warranty in clause 15.1.

Terms and conditions – May 2021

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5.0 REACH – (Registration, Evaluation, Authorisation and restriction of Chemicals) Report.

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Blazeboard Limited

TEST REPORT

SCOPE OF WORK
Fiber-Cement Board

REPORT NUMBER
200814005SHF-003

TEST DATE(S)
2020-08-14 - 2020-11-05

ISSUE DATE
2021-03-01

PAGES
18

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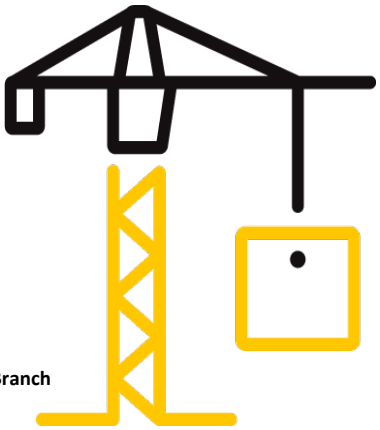

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Test Report

Statement

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Test Report

Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003
Applicant: Blazeboard Limited
Address: Three Gables, Corner Hall, Hemel Hempstead, HP3 9HN
Attn: Kirsten Brenner
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Fiber-Cement Board	**Brand**	Blazeboard
Sample Description	Good Condition	**Sample Amount**	16 pcs
		Received Date	2020-08-21

Sample ID	Model	Specification
S200814005SHF.009~010	WG Decking Boards	2440*150*25mm

Test Methods And Standards

Test Standard	NIOSH 9002:1994, EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH requirement in report for details)
Specification Standard	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH requirement in report for details)
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:
1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Flora Fan Name: Mason Wang
Title: Reviewer Title: Project Engineer

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

Test Items, Method and Results:

Test method: By a combination of Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

209 SVHCs Testing Results:

(a) The First List (15 SVHC Released in Oct, 2008)

No.	Chemical Substance	CAS No.	Results %(w/w)
1	Cobalt Dichloride Δ	7646-79-9	ND
2	Diarsenic Pentaoxide Δ	1303-28-2	ND
3	Diarsenic Trioxide Δ	1327-53-3	ND
4	Lead Hydrogen Arsenate Δ	7784-40-9	ND
5	Triethyl Arsenate Δ	15606-95-8	ND
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	ND
8	Anthracene	120-12-7	ND
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ND
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4)	ND
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	ND
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND
13	Dibutyl Phthalate (DBP)	84-74-2	ND
14	Benzyl Butyl Phthalate (BBP)	85-68-7	ND
15	Short Chain Chlorinated Paraffins (C_{10-13})	85535-84-8	ND

(b) The Second List (13 SVHC Released in Jan, 2010 and Mar, 2010)

No.	Chemical Substance	CAS No.	Results %(w/w)
16	Lead Chromate Δ	7758-97-6	ND
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	ND
18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2	ND
19	Tris (2-Chloroethyl) Phosphate	115-96-8	ND
20	2,4-Dinitrotoluene	121-14-2	ND

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

21	Diisobutyl Phthalate (DIBP)	84-69-5	ND
22	Coal Tar Pitch, High Temperature	65996-93-2	ND
23	Anthracene Oil	90640-80-5	ND
24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4	ND
25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	ND
26	Anthracene Oil, Anthracene-low	90640-82-7	ND
27	Anthracene Oil, Anthracene Paste	90640-81-6	ND
28	Acrylamide	79-06-1	ND

(c) The Third List (8 SVHC Released in Jun, 2010)

No.	Chemical Substance	CAS No.	Results %(w/w)
29	Boric Acid Δ	10043-35-3, 11113-50-1	ND
30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4	ND
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	ND
32	Sodium Chromate Δ	7775-11-3	ND
33	Potassium Chromate Δ	7789-00-6	ND
34	Ammonium Dichromate Δ	7789-09-5	ND
35	Potassium Dichromate Δ	7778-50-9	ND
36	Trichloroethylene	79-01-6	ND

(d) The Fourth List (8 SVHC Released in Dec, 2010)

No.	Chemical Substance	CAS No.	Results %(w/w)
37	2-Methoxyethanol	109-86-4	ND
38	2-Ethoxyethanol	110-80-5	ND
39	Cobalt Sulphate Δ	10124-43-3	ND
40	Cobalt Dinitrate Δ	10141-05-6	ND
41	Cobalt Carbonate Δ	513-79-1	ND
42	Cobalt Diacetate Δ	71-48-7	ND
43	Chromium Trioxide Δ	1333-82-0	ND
44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 --	ND

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(e) The Fifth List (7 SVHC Released in Jun, 2011)

No.	Chemical Substance	CAS No.	Results %(w/w)
45	Strontium Chromate Δ	7789-06-2	ND
46	2-ethoxyethyl acetate (2-EEA)	111-15-9	ND
47	1,2-Benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)	68515-42-4	ND
48	Hydrazine	7803-57-8, 302-01-2	ND
49	1-methyl-2-pyrrolidone	872-50-4	ND
50	1,2,3-trichloropropane	96-18-4	ND
51	1,2-Benzenedicarboxylic acid, di-C_{6-8}-branched alkyl esters, C_7-rich (DIHP)	71888-89-6	ND

(f) The Sixth List (20 SVHC Released in Dec, 2011)

No.	Chemical Substance	CAS No.	Results %(w/w)
52	Lead dipicrate Δ	6477-64-1	ND
53	Lead styphnate Δ	15245-44-0	ND
54	Lead azide; Lead diazide Δ	13424-46-9	ND
55	Phenolphthalein	77-09-8	ND
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	ND
57	N,N-dimethylacetamide (DMAC)	127-19-5	ND
58	Trilead diarsenate Δ	3687-31-8	ND
59	Calcium arsenate Δ	7778-44-1	ND
60	Arsenic acid Δ	7778-39-4	ND
61	Bis(2-methoxyethyl) ether	111-96-6	ND
62	1,2-Dichloroethane	107-06-2	ND
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	ND
64	2-Methoxyaniline; o-Anisidine	90-04-0	ND
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	ND
67	Pentazinc chromate octahydroxide Δ	49663-84-5	ND
68	Potassium hydroxyoctaoxodizincate di-chromate Δ	11103-86-9	ND
69	Dichromium tris(chromate) Δ	24613-89-6	ND
70	Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	ND
71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	ND

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(g) The Seventh List (13 SVHC Released in Jun, 2012)

No.	Chemical Substance	CAS No.	Results %(w/w)
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	ND
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	ND
74	Diboron trioxide Δ	1303-86-2	ND
75	Formamide	75-12-7	ND
76	Lead(II) bis(methanesulfonate) Δ	17570-76-2	ND
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	ND
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	ND
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	ND
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	ND
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ⩾ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	ND
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ⩾ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	ND
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) *[with ⩾ 0.1% of Michler's ketone (EC No. 202-027-5) or Michl* er's base (EC No. 202-959-2)]	6786-83-0	ND
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol *[with ⩾ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*	561-41-1	ND

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

(h) The Eighth List (54 SVHC Released in Dec, 2012)

No.	Chemical Substance	CAS No.	Results %(w/w)
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	ND
86	Pentacosafluorotridecanoic acid	72629-94-8	ND
87	Tricosafluorododecanoic acid	307-55-1	ND
88	Henicosafluoroundecanoic acid	2058-94-8	ND
89	Heptacosafluorotetradecanoic acid	376-06-7	ND
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	ND
91	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7 13149-00-3 14166-21-3	ND
92	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0 19438-60-9 48122-14-1 57110-29-9	ND
93	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	ND
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	--	ND
95	Methoxyacetic acid	625-45-6	ND
96	N,N-dimethylformamide	68-12-2	ND
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	ND
98	Lead monoxide (Lead oxide) Δ	1317-36-8	ND
99	Orange lead (Lead tetroxide) Δ	1314-41-6	ND
100	Lead bis(tetrafluoroborate) Δ	13814-96-5	ND

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	ND
102	Lead titanium trioxide Δ	12060-00-3	ND
103	Lead titanium zirconium oxide Δ	12626-81-2	ND
104	Silicic acid, lead salt Δ	11120-22-2	ND
105	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped Δ [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	ND
106	1-bromopropane (n-propyl bromide)	106-94-5	ND
107	Methyloxirane (Propylene oxide)	75-56-9	ND
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	ND
109	Diisopentylphthalate (DIPP)	605-50-5	ND
110	N-pentyl-isopentylphthalate	776297-69-9	ND
111	1,2-diethoxyethane	629-14-1	ND
112	Acetic acid, lead salt, basic Δ	51404-69-4	ND
113	Lead oxide sulfate Δ	12036-76-9	ND
114	[Phthalato(2-)] dioxotrilead Δ	69011-06-9	ND
115	Dioxobis(stearato)trilead Δ	12578-12-0	ND
116	Fatty acids, C16-18, lead salts Δ	91031-62-8	ND
117	Lead cyanamidate Δ	20837-86-9	ND
118	Lead dinitrate Δ	10099-74-8	ND
119	Pentalead tetraoxide sulphate Δ	12065-90-6	ND
120	Pyrochlore, antimony lead yellow Δ	8012-00-8	ND
121	Sulfurous acid, lead salt, dibasic Δ	62229-08-7	ND
122	Tetraethyllead Δ	78-00-2	ND
123	Tetralead trioxide sulphate Δ	12202-17-4	ND
124	Trilead dioxide phosphonate Δ	12141-20-7	ND
125	Furan	110-00-9	ND
126	Diethyl sulphate	64-67-5	ND
127	Dimethyl sulphate	77-78-1	ND
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	ND
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	ND
130	4,4'-methylenedi-o-toluidine	838-88-0	ND
131	4,4'-oxydianiline and its salts	101-80-4	ND
132	4-aminoazobenzene	60-09-3	ND

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	ND
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	ND
135	Biphenyl-4-ylamine	92-67-1	ND
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3	ND
137	o-toluidine	95-53-4	ND
138	N-methylacetamide	79-16-3	ND

(i) The Ninth List (6 SVHC Released in Jun, 2013)

No.	Chemical Substance	CAS No.	Results %(w/w)
139	Cadmium Δ	7440-43-9	ND
140	Cadmium oxide Δ	1306-19-0	ND
141	Dipentyl phthalate (DPP)	131-18-0	ND
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--	ND
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	ND
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	ND

(j) The Tenth List (7 SVHC Released in Dec, 2013)

No.	Chemical Substance	CAS No.	Results %(w/w)
145	Cadmium sulphide Δ	1306-23-6	ND
146	Lead di(acetate) Δ	301-04-2	ND
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	ND
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	ND
149	Dihexyl phthalate	84-75-3	ND
150	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	ND
151	Trixylyl phosphate	25155-23-1	ND

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(k) The Eleventh List (4 SVHC Released in Jun, 2014)

No.	Chemical Substance	CAS No.	Results %(w/w)
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND
153	Cadmium chloride Δ	10108-64-2	ND
154	Sodium perborate; perboric acid, sodium salt Δ	15120-21-5, 11138-47-9	ND
155	Sodium peroxometaborate Δ	7632-04-4	ND

(l) The Twelfth List (6 SVHC Released in December, 2014)

No.	Chemical Substance	CAS No.	Results %(w/w)
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	ND
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	ND
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	ND
159	Cadmium fluoride Δ	7790-79-6	ND
160	Cadmium sulphate Δ	10124-36-4; 31119-53-6	ND
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	ND

(m) The Thirteenth List (2 SVHC Released in June, 2015)

No.	Chemical Substance	CAS No.	Results %(w/w)
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ⩾ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	ND
163	5-Sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-Sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	--	ND

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(n) The Fourteenth List (5 SVHC Released in December, 2015)

No.	Chemical Substance	CAS No.	Results %(w/w)
164	1,3-Propanesultone	1120-71-4	ND
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	ND
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	ND
167	Nitrobenzene	98-95-3	ND
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	ND

(o) The Fifteenth List (1 SVHC Released in June, 2016)

No.	Chemical Substance	CAS No.	Results %(w/w)
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	ND

(p) The Sixteenth List (4 SVHC Released in January, 2017)

No.	Chemical Substance	CAS No.	Results %(w/w)
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	ND
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 | CAS no.: 335-76-2 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 | CAS no.: 3108-42-7 Decanoic acid, nonadecafluoro-, sodium salt EC no.: -- | CAS no.: 3830-45-3	--	ND
172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	ND
173	p-(1,1-dimethylpropyl)phenol	80-46-6	ND

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(q) The Seventeenth List (1 SVHC Released in July, 2017)

No.	Chemical Substance	CAS No.	Results %(w/w)
174	Perfluorohexane-1-sulphonic acid and its salt (PFHxS)	--	ND

(r) The Eighteenth List (7 SVHC Released in Jan, 2018)

No.	Chemical Substance	CAS No.	Results %(w/w)
175	Benz[a]anthracene	56-55-3	ND
176	Cadmium nitrateΔ	10325-94-7	ND
177	Cadmium carbonateΔ	513-78-0	ND
178	Cadmium hydroxideΔ	21041-95-2	ND
179	Chrysene	218-01-9	ND
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02, 13.05,10]octadeca-7,15-diene ("Dechlorane Plus"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	ND
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ⩾0.1% w/w 4-heptylphenol, branched and linear]	--	ND

(s) The Nineteenth List (10 SVHC Released in Jun, 2018)

No.	Chemical Substance	CAS No.	Results %(w/w)
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	ND
183	Decamethylcyclopentasiloxane (D5)	541-02-6	ND
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND
185	Lead	7439-92-1	ND
186	Disodium octaborateΔ	12008-41-2	ND
187	Benzo[ghi]perylene	191-24-2	ND
188	Terphenyl hydrogenated	61788-32-7	ND
189	Ethylenediamine (EDA)	107-15-3	ND
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (Trimellitic anhydride) (TMA)	552-30-7	ND
191	Dicyclohexyl phthalate (DCHP)	84-61-7	ND

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(t) The Twentieth List (6 SVHC Released in Jan, 2019)

No.	Chemical Substance	CAS No.	Results %(w/w)
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	ND
193	Benzo[k]fluoranthene	207-08-9	ND
194	Fluoranthene	206-44-0	ND
195	Phenanthrene	85-01-8	ND
196	Pyrene	129-00-0	ND
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	ND

(u) The Twenty-first List (4 SVHC Released in July, 2019)

No.	Chemical Substance	CAS No.	Results %(w/w)
198	4-tert-butylphenol (PTBP)	98-54-4	ND
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	ND
200	2-methoxyethyl acetate	110-49-6	ND
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	ND

(v) The Twenty-second List (4 SVHC Released in Jan, 2020)

No.	Chemical Substance	CAS No.	Results %(w/w)
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	ND
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND
204	Diisohexyl phthalate	71850-09-4	ND
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	ND

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(w) The Twenty-third List (4 SVHC Released in Jun, 2020)

No.	Chemical Substance	CAS No.	Results %(w/w)
206	1-vinylimidazole	1072-63-5	ND
207	2-methylimidazole	693-98-1	ND
208	Butyl 4-hydroxybenzoate	94-26-8	ND
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	ND

Note:

Reporting limit = 0.050%

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-Case

Test location: Central Chemical Lab of Intertek Testing Services Ltd., Shanghai
Address: Block B, Jinling Business Square, No.801, Yi Shan Road, Shanghai, China

1 Substances of very high concern (SVHC) are classified as:
a. Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
b. Persistent, bioaccumulative and toxic chemicals (PBT)
c. Very persistent and very bioaccumulative chemicals (vPvB)
d. Other similar substances such as endocrine disrupters

2. If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
a. Identification of the registrant and the substance
b. Classification and labelling of the substance
c. Description of use of the substance and the article
d. Registration number, if available
e. Tonnage range

3. As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

REACH requirement:
As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

Conclusion:

Tested Samples	Standard	Result
Submitted sample	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH requirement in report for details)	Meet Requirement

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Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

Test Items, Method and Results:

Test Item: Asbestos content

Test Method: As per test method NIOSH 9002:1994, Asbestos qualitative test was determined by microscopic examination method.

Analyte	CAS No.	Test Result
Actinolite	77536-66-4	Negative
Amosite	12172-73-5	Negative
Crocidolite	12001-28-4	Negative
Tremolite	77536-68-6	Negative
Anthophyllite	77536-67-5	Negative
Chrysotile	12001-29-5	Negative

Note:

1. Estimated LOD： < 1% asbestos

2. The estimated LOD is quoted hereby, because of the detection limit for visual estimation is a function of the quantity of sample analyzed, the nature of matrix interference, sample preparation, and the fiber size and distribution.

3. Test location: Central Chemical Lab of Intertek Testing Services Ltd., Shanghai
Address: Block B, Jinling Business Square, No.801, Yi Shan Road, Shanghai, China

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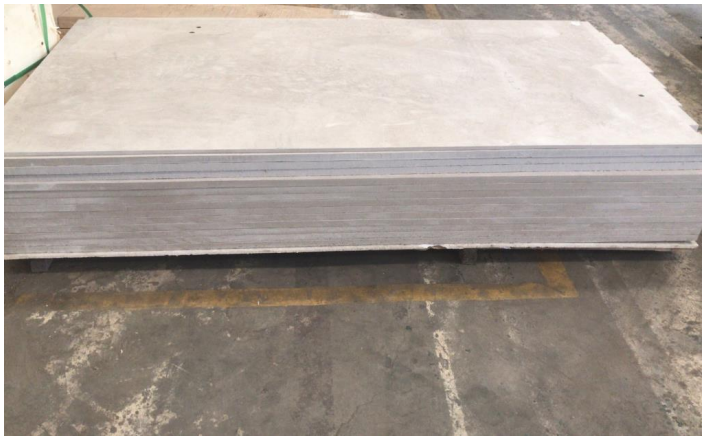
Issue Date: 2021-03-01 Intertek Report No. 200814005SHF-003

Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes	Author	Reviewer
200814005SHF-003	2021-03-01	First issue	Mason Wang	Flora Fan

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About MyDek®

The **MyDek** team harnesses a huge range of experience, creativity, passion and drive to make balconies and terraces safe places to be. Drawn from different areas of the construction industry our team brings together extensive knowledge of specification, technical compliance and outstanding innovation to create a non-combustible decking system that delivers on our mantra of Safe. Smart. Sustainable. **So relax, you're in safe hands.**

Safe. Smart. Sustainable.

Our ethos runs through everything we do. We're passionate to ensure that our products reflect these values and make a significant contribution to residential balconies and terraces as safe and enjoyable places.

The philosophy that supports all our products

Safe.

- Class A1 Non-combustible mineral composite
- Non-slip surface coating gives PTV rating of 60
- Durable alloy won't rust or rot
- 30 year warranty

Smart.

- Attractive board design in range of colours
- Won't fade or discolour
- Fast fit system saves time and money on installation
- Natural wood aesthetic
- Solid look and feel

Sustainable.

- Made from mineral composite and is 100% recyclable.
- Low maintenance material gives 60 year service life

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