

5 May, 2016

Test Report

Classification of Reaction to Fire Performance in Accordance
with EN 13501-1:2007+A1:2009

Tested by:



Exova International Warrington laboratory to a fire rating of A2, d0

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Title:

CLASSIFICATION OF
REACTION TO FIRE
PERFORMANCE
IN ACCORDANCE WITH
EN 13501-1:2007+A1:2009

Notified Body No:

0833

Product Name:

"Brickspan®"

Report No:

364247

Issue No:

3

Prepared for:

Brickspan Developments
Limited
Unit C4
Mamhilad Park Estate,
South Pontypool
Torfaen,
NP4 0HZ

Date:

5th May 2016



1. Introduction

This classification report defines the classification assigned to "Brickspan®", a decorative brick slip imitation produced on to a polypropylene mesh, in accordance with the procedures given in EN 13501-1:2007 +A1: 2009

This test report is additional to that issued as WF No. 364247 dated the 5th May 2016 and has been issued at the request of the sponsor. The original sponsor's name has been removed and Brickspan Developments Limited has been inserted. The original test report remains valid and is not replaced by this additional test report. The product referred to in the original report and this additional test report has not been re-tested since the original test and neither has a technical review of the original test report resulting in any technical changes been carried out.

2. Details of classified product

2.1 General

The product, "Brickspan®", a decorative brick slip imitation produced on to a polypropylene mesh is a decorative wall covering product as defined in EN 15102, suitable for construction applications, excluding flooring and linear pipe thermal insulation.

2.2 Decorative brick slip imitation produced on to a polypropylene mesh

The product, "Brickspan®", a decorative brick slip imitation produced on to a polypropylene mesh, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		A decorative brick slip imitation produced on to a polypropylene mesh
Overall product reference		"Brickspan®"
Overall thickness including mesh and OSB		26mm (including substrate)
Overall weight per unit area of composite		18.89kg/m ² (including substrate)
Brick slip	Generic type	See Note 1 below
	Product reference	"MRB/10/LR"
	Name of manufacturer	Brickspan Developments Limited
	Colour reference	"Ladwell Red"
	Weight per unit area	5kg/m ²
	Flame retardant details	See Note 2 below
	Curing process per coat	Hot air at a temperature of 100°C ± 5% for period of one minute
Adhesive (mortar)	Generic type	Polymer based cement tile adhesive
	Product reference	"Brickspan Wall Adhesive"
	Name of manufacturer	Brickspan Developments Limited
	Thickness	3mm to 5mm
	Application rate	5.4kg/m ²
	Flame retardant details	See Note 2 below
Mesh	Generic type	Polypropylene mesh
	Product reference	"Polymesh"
	Name of manufacturer	Wemico
	Thickness	1.5mm
	Weight per unit area	160g/m ²
	Cell dimensions	4x4mm
	Flame retardant details	See Note 3 below
Substrate	Generic type	18mm thick orientated Strand Board
	Product reference	"OSB board"
	Thickness	18 mm
Brief description of application process		20 decorative brick slips per sheet / 3 sheets per m ² bedded into 3 to 5 mm cementitious tile adhesive diagonally notched ribbons

Note 1: The sponsor was unwilling to provide this information.

Note 2: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

Note 3: The sponsor was unable to provide this information.

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test report Nos.	Test method
Exova Warringtonfire	Brickspan Developments Limited	WF 363839	EN 13823
Exova Warringtonfire	Brickspan Developments Limited	WF 363840	EN ISO 11925-2
Exova Warringtonfire	Brickspan Developments Limited	WF 371178	EN ISO 1716:2010

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN 13823	Figra _{0.2 MJ} (W/s)	3	13.5	Compliant
	THR _{600 s} (MJ)		2.15	Compliant
	Smogra (m ² /s ²)		4.7	Compliant
	TSP _{600 s} (m ²)		18.5	Compliant
	LFS (y/n)		N	Compliant
	Flaming droplets (y/n) <10 s (y/n) >10 s (y/n)		None	Compliant
EN ISO 11925-2 30 s surface exposure 30 s edge exposure	Flame spread (mm)	6	Nil	Compliant
	Flaming droplets (y/n)		None	Compliant
	Flame spread (mm)	6	10	Compliant
	Flaming droplets (y/n)		None	Compliant

EN 1716	PCS Brickslips Adhesive Glass Fibre Total Product	3	1.1232 MJ/kg 1.3181 MJ/kg 0.9280 MJ/m ² 1.2980 MJ/kg	Compliant Compliant Compliant Compliant
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4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 8 of EN 13501-1:2007 +A1: 2009

4.2 Classification

The product, "Brickspan®", a brick slip imitation produced on to a polypropylene mesh, a decorative wall covering product as defined in EN 15102, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A2, d0

4.3 Field of application

This classification is valid for the following end use applications:

- i) Wall and ceiling applications
- ii) Used over a wood-based substrate of class D or better, with a density of 480 kg/m³ or higher
- iii) Used over any substrate of class A2 or better, with a density of 480 kg/m³ or higher

This classification is also valid for the following product parameters:

Product thickness	No variation allowed
Product composition	No variation allowed
Product colour	Any

"The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive. The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested."

5 Limitations

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

SIGNED

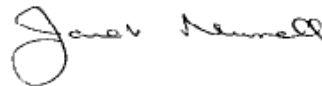


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APPROVED



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on behalf of **Exova Warringtonfire**

Issue 3 - 13th January 2017

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