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Testing. Advising. Assuring.

Title:

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

Notified Body No:

0833

Product Name:

"TPR®"

Report No:

WF 342548

Issue No:

1

Prepared for:

Lucideon Limited
Queens Road
Penkhill
Stoke-on-Trent
ST4 7LQ

Date:

12th August 2014



1. Introduction

This classification report defines the classification assigned to "TPR®", a synthetic non-cementitious concrete product, in line with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, "TPR®", a synthetic non-cementitious concrete product, is defined as being suitable for construction applications.

2.2 Product description

The product, "TPR®", a synthetic non-cementitious concrete product, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

Generic type	Synthetic non-cementitious concrete
Product reference	"TPR®"
Detailed description / composition details	See Note 1 below
Name of manufacturer	See Note 1 below
Thickness	40mm (stated by sponsor) 38mm (determined by Exova Warringtonfire)
Density	1400 kg/m ³ (stated by sponsor) 1429.0 kg/m ³ (determined by Exova Warringtonfire)
Colour reference	"Brown" (observed by Exova Warringtonfire)
Trade name of flame retardant	See Note 1 below
Generic type of flame retardant	See Note 1 below
Amount of flame retardant	See Note 1 below
Brief description of manufacturing process	See Note 1 below

Note 1: The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are instead held on the confidential file relating to this investigation.

3. Test reports & test results in support of classification.

3.1 Test reports.

Name of Laboratory	Name of sponsor	Test reports/extended application report Nos.	Test method / extended application rules & date
Exova warringtonfire	Lucideon Limited	WF 342536	EN ISO 11925-2

3.2 Test results

Test method & test number		Parameter	No. tests	Results	
				Continuous parameter - mean (m)	Compliance parameters
EN ISO 11925-2	30s exposure - surface	F _s	6	76.7mm	Compliant
		Flaming droplets/ particles		None	Compliant
	30s exposure - edge	F _s	6	70mm	Compliant
		Flaming droplets/ particles		None	Compliant

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, "TPR®", a synthetic, non-cementitious concrete product, in relation to its reaction to fire behaviour are classified:

Reaction to fire classification: E

4.3 Field of application

This classification is valid for the following end use applications:

- i) Construction applications



This classification is also valid for the following product parameters:

Product thickness	No variation allowed
Product density	No variation allowed
Product colour	No variation allowed
Product composition	No variation allowed

5. Limitations

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

SIGNED



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Matthew Dale

Certification Engineer
Technical Department

APPROVED



.....

Janet Murrell

Technical Manager
Technical Department
on behalf of **Exova warringtonfire**

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