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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:

"Millboard"

Report No:

WF 363719

Issue No:

1

Prepared for:

The Millboard Company Limited
Castle Court
Bodmin Road
Coventry
CV2 5DB

Date:

8th April 2016

UKAS TESTING
0249

1. Introduction

This classification report defines the classification assigned to "Millboard", a high density polyurethane reinforced with glass fibre and stone rigid board product, fillers in accordance with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, "Millboard", is defined as being suitable for floorcovering applications.

2.2 Product description

The product, "Millboard", is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description	Rigid board product manufactured in high density polyurethane, reinforced with glass fibre and stone fillers. The surface is a softer elastomeric material with additives.
Product reference	"Millboard"
Name of manufacturer	**See Note 1 Below**
Thickness	31.55mm (determined by **Exova Warringtonfire**)
Weight per unit area	18.20kg/m^2 (determined by **Exova Warringtonfire**)
Colour reference	"Grey" (observed by **Exova Warringtonfire**)
Flame retardant details	**See Note 1 Below**
Brief description of manufacturing process	**See Note 1 Below**

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

The description of the specimens as given above is not as detailed as would usually be the case for descriptions included in **Exova Warringtonfire** test reports and the description may not fully comply with the requirements of the test standard. In all other respects however the tests were conducted fully in accordance with the requirements of the test standard and the test results are valid**.**

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	The Millboard Company Limited	WF 361967	EN ISO 11925-2
Exova Warringtonfire	The Millboard Company Limited	WF 361933	EN ISO 9239-1

3.2 Test results

Test method & test number		Parameter	No. tests	Results	
				Continuous parameter - mean (m)	Compliance with parameters
EN ISO 9239-1		Critical flux	3	8.6kW/m²	Compliant
		Smoke		298.78%min	Compliant
EN ISO 11925-2	(15s exposure – surface of decorative face)	F_s	6	Nil	Compliant
		Flaming droplets/ particles		None	Compliant
	(15s exposure – edge of decorative face)	F_s	6	50mm	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 9 of EN 13501-1:2007+A1: 2009.

4.2 Classification

The product, “Millboard”, a high density polyurethane reinforced with glass fibre and stone rigid board product, in relation to its reaction to fire behaviour is classified:

B_{FL}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
B_{FL}	-	s	1

i.e. B_{FL} – s1

Reaction to fire classification: B_{FL} – s1

4.3 Field of application

This classification is valid for the following end use applications:

i) Floorcovering applications applied over any substrate with a minimum density of 1800kg/m³, having a minimum thickness of 8mm and a fire performance of $A2_{FL}$ or better.

ii) Installed with or without adhesive.

This classification is also valid for the following product parameters:

Floorcovering thickness	No variation allowed
Floorcovering weight per unit area	No variation allowed
Floorcovering composition	No variation allowed
Floorcovering construction	No variation allowed
Colour/Pattern	Any variation allowed

"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."

SIGNED

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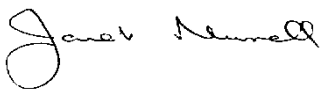
Matthew Dale
Certification Engineer
Technical Department

APPROVED



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Janet Murrell
Technical Manager
Technical Department
on behalf of **Exova Warringtonfire**

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