

classification report

**Title:**

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

Notified Body No:

0833

Product Name:

INLINE

Report No:

177374

Issue No:

1

Prepared for:

Bonar Floors Limited
Unit 2, Seedlee Road
Walton Summit Centre
Bamber Bridge
Preston
Lancashire
PR7 8AE

Date:

8th October 2008

1. Introduction

This classification report defines the classification assigned to 'INLINE', a loop pile bitumen backed carpet tile, in accordance with the procedures given in EN 13501-1:2007

2. Details of classified product

2.1 General

The product, 'INLINE', a loop pile bitumen backed carpet tile, is defined as being suitable for floor covering applications.

2.2 Product description

The product, 'INLINE', a loop pile bitumen backed carpet tile, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Loop pile bitumen backed carpet tile	
Product reference of carpet tile		"INLINE"	
Name of Manufacturer of carpet tile		Bonar Floors Limited	
Overall Thickness of carpet tile		6.5mm (stated by sponsor) 6.51mm(determined by Bodycote warringtonfire)	
Overall weight per unit area of carpet tile		4155 g/m ² (stated by sponsor) 4212.8 g/m ² (determined by Bodycote warringtonfire)	
Floor covering	Pile	Product Reference	"INLINE"
		Generic Type	Polyamide
		Name of Manufacturer	Universal
		Weight per unit area	540 g/m ²
		Pile Height	5.0mm
		Colour	"Romeo"
		Flame Retardant details	See Note 1
	Primary Backing	Product Reference	"Colbac"
		Generic Type	Spunbond polyester
		Name of Manufacturer	Colbond
		Weight per unit area	120 g/m ²
		Thickness	0.1mm
		Colour	Grey
		Flame Retardant details	See Note 1
	Latex	Product Reference	"LC 6715"
		Generic Type	Natural rubber
		Name of Manufacturer	ILC
		Weight per unit area	900 g/m ²
		Thickness	0.2mm
		Colour	Grey
		Flame Retardant details	See Note 1

Floor covering	Secondary Backing	Product Reference	"JM001"
		Generic Type	Spunbond polyester
		Name of Manufacturer	Johns Manville
		Weight per unit area	95 g/m ²
		Thickness	0.1mm
		Colour	Black
		Flame Retardant details	See Note 1
	Bitumen Backing	Product Reference	"Bitumix"
		Generic Type	Polymer modified bitumen (PMB)
		Name of Manufacturer	Shell
		Weight per unit area	2500 g/m ²
		Thickness	2.5 mm
		Colour	Black
	Substrate	Flame Retardant details	See Note 1
Generic type		"NT D4 604"	
Trade name		Fibre cement board	
Manufacturer		Scheerders van de Kerkhove (SVK)	
Thickness		6 ± 1mm	
	Density	1800 ± 200 kg/m ³	
Brief description of manufacturing process of the floor covering		Tufted, latexed, bitumen backed, cut	

Note 1: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product / component.

3. Test reports/extended application reports & test results in support of classification

3.1 Test reports/extended application reports

Name of Laboratory	Name of sponsor	Test reports/extended application report Nos.	Test method / extended application rules & date
Bodycote warringtonfire	Bonar Floors Limited	WF 175626	EN ISO 11925-2
Bodycote warringtonfire	Bonar Floors Limited	WF 175628	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	8.2	Compliant
	Smoke		450.13	Compliant
EN ISO 11925-2 (15s exposure – surface of decorative face)	F _s	6	30	Compliant
	Flaming droplets/particles		None	Compliant
EN ISO 11925-2 (15s exposure – edge of decorative face)	F _s	6	33	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

4.2 Classification

The product, 'INLINE', a loop pile bitumen backed carpet tile, 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) Flooring applications, used over any substrate with a density equal to or greater than 1800Kg/m³, having a minimum thickness of 6mm 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
Colour/Pattern	Any variation allowed
Floorcovering composition	No variation allowed
Floorcovering construction	No variation allowed

5. Limitations

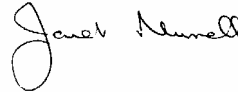
This document does not represent type approval or certification of the product

SIGNED



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APPROVED



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Bodycote warringtonfire

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