

Title:

CLASSIFICATION OF
REACTION TO FIRE
PERFORMANCE
IN ACCORDANCE WITH
EN 13501-1: 2002

Notified Body No:

0833

Product Name:

FLOTEX 200, FLOTEX
RESIDENTIAL/MOD
ENDURANCE

Report No:

127915

Issue No:

3

Prepared for:

Bonar Floors, High Holbe
Road, Ripley, Derbyshire
DE5 3NT, England

Date:

12th December 2006

1. Introduction

This classification report defines the classification assigned to 'FLOTEX 200, FLOTEX RESIDENTIAL/MOD ENDURANCE', a group of textile floorcoverings, in accordance with the procedures given in EN 13501-1:2002

2. Details of classified product

2.1 General

The product, 'FLOTEX 200, FLOTEX RESIDENTIAL/MOD ENDURANCE', a group of textile floorcoverings, is defined as being suitable for floorcovering applications.

2.2 Product description

The product, 'FLOTEX 200, FLOTEX RESIDENTIAL/MOD ENDURANCE', a group of textile floorcoverings, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

Product description:

FLOTEX 200, FLOTEX RESIDENTIAL/MOD ENDURANCE textile floorcoverings, manufactured by (Bonar Floors, High Holborn Road, Ripley, Derbyshire, DE5 3NT) all values quoted are used in their technical specification for the product, these values determine the products manufacture.

The product is a flocked floorcovering having a pile height of 2mm and a pile weight of 250g/m². The floorcovering had an overall thickness of 4.3mm and a total weight of 1900 g/m². The floorcovering consisted of a "polyamide 6.6" pile bonded to a glass tissue substrate and a vinyl backing.

A member of the Warrington Fire Research Centre Technical Department selected the specimens during an audit visit, which was conducted at your manufacturing plant in Ripley, Derbyshire on the 10th May 2002.

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
warringtonfire	Bonar Floors	WF 125072	EN ISO 11925-2
warringtonfire	Bonar Floors	WF 125052, 125053, 125054, 125055, 125056	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, 3, 1, 1, 1	8.3, 9.7, 9.8, 10.0, 10.2	Compliant
	Smoke		123.4, 156.12, 124.47, 111.99, 103.92	Compliant
EN ISO 11925-2 (15s exposure – surface of carpet)	F _s	6	58	Compliant
	Flaming droplets/ particles		None	Compliant
EN ISO 11925-2 (15s exposure – edge of carpet)	F _s	6	82	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 11 of EN 13501-1:2002

4.2 Classification

The product, 'FLOTEX 200, FLOTEX RESIDENTIAL/MOD ENDURANCE', a group of textile floorcoverings, in relation to their reaction to fire behaviour are 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:


- 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_n or better.
- 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
Individual components	No variation allowed
Floorcovering construction	No variation allowed

SIGNED

APPROVED


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Leigh Hill
Senior Technical Officer
Technical Department


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P.P Janet Murrell
Technical Manager
Technical Department
on behalf of **warringtonfire**