

# classification report

**Title:**

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

**Notified Body No:**

0833

**Product Name:**

BASTOTECT

**Report No:**

165354

**Issue No:**

1

**Prepared for:**

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Germany

**Date:**

25<sup>th</sup> June 2007

## 1. Introduction

This classification report defines the classification assigned to 'BASTOTECT', a flexible, open cell, melamine foam, in line with the procedures given in EN 13501-1:2007

## 2. Details of classified product

### 2.1 General

The product, 'BASTOTECT', a flexible, open cell, melamine foam, is defined as being suitable for construction applications, excluding flooring and linear pipe thermal insulation.

### 2.2 Product description

The product, 'BASTOTECT', a flexible, open cell, melamine foam, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description	Basotect is a flexible, open-cell foam made from melamine resin, a thermoset plastic from the aminoplastics group
Trade name	Basotect V3012 / G
Generic type	Melamine Foam
Name of manufacturer	BASF Aktiengesellschaft
Density	9 kg/m <sup>3</sup> +2 kg/m <sup>3</sup> -1 kg/m <sup>3</sup>
Thickness	5 mm
Colour	White / Light Grey
Flame retardant details	No flame retardants are used
Skinned surface	No
Brief description of manufacturing process	The sponsor was unwilling to provide this information

## 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	BASF AG	WF 112155	EN 13823
Bodycote warringtonfire	BASF AG	WF 112079	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 (15s exposure - surface)	F <sub>s</sub>	6	15	Compliant
	Flaming droplets/ particles		None	Compliant
EN ISO 11925-2 (15s exposure – edge)	F <sub>s</sub>	6	12	Compliant
	Flaming droplets/ particles		None	Compliant
EN 13823	FIGRA <sub>0.2MJ</sub>	3	0	Compliant
	THR <sub>600s</sub>		0.20	Compliant
	LFS		N	Compliant
	SMOGRA		0	Compliant
	TSP <sub>600s</sub>		26.80	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

### 4.2 Classification

The product, 'BASTOTECT', a flexible, open cell, melamine foam, in relation to its reaction to fire behaviour is classified:

**Reaction to fire classification: B – s1, d0**

### 4.3 Field of application

This classification is valid for the following end use applications:

- i) Construction applications, excluding flooring and linear pipe thermal insulation
- ii) Used over any substrate having a density equal to or greater than  $850\text{kg/m}^3$ , with a minimum thickness of 6 mm and a fire performance of A2 or better (excluding paper faced gypsum plasterboard)
- iii) Installed utilising 'Ardurit X7G Adhesive'.

This classification is also valid for the following product parameters:

Product thickness	No variation from manufacturers tolerances
Product colour	No variation allowed
Product density	No variation from manufacturers tolerances
Product composition	No variation allowed

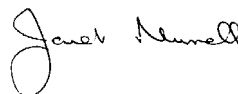
**SIGNED**



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**Leigh Hill**

Technical Consultant  
Technical Department

**APPROVED**



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Technical Manager  
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on behalf of **warringtonfire**

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