



BCTC

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1 Introduction

This classification report defines the classification assigned to Polyflor SD (as described by the sponsor) in accordance with the procedures given in EN 13501-1:2007+A1:2009.

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

Sponsor: Polyflor Limited
Prepared by: BTTG Testing & Certification Ltd
Product name: Polyflor SD
Classification report no.: 26/01919C/7/15 (Classification)
Issue number: 1
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This classification report consists of four pages and may only be used or reproduced in its entirety.





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2 Details of classified product

2.1 General

The product, Polyflor SD, is defined as a type of product according to BS EN 14041.

2.2 Product description

The product, Polyflor SD, is described below as:-

Nominal Thickness:	2.0mm
Weight Per Unit Area:	3.40kg/m ²
Batch No:	5Z727
Shade:	5050 Ocean Blue

3 Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date"
BTTG T & C Ltd	Polyflor Limited	26/01919A/07/15	BS EN ISO 11925-2:2010 BS EN ISO 9239-1:2010





3.2 Results

Test method and test number	Parameter	No. Tests (specimens)	Results	
			Continuous parameter - mean (m)	Compliance with Class B _{FL} -s1 parameters
BS EN ISO 11925-2:2010	FS (mm)	6	<150mm within 20s	Compliant
	Flaming Droplets / particles		No	Compliant
BS EN ISO 9239-1:2010	Critical Flux (kW/m ²)	3	>11.0kW/m ²	Compliant
	Smoke (% min)		36% x min	Compliant

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with BS EN 13501-1:2007+A1:2009.

4.2 Classification

The product Polyflor SD, in relation to its reaction to fire behaviour is classified:

B_{FL}

The additional classification in relation to smoke is:

s1

Fire behaviour		Smoke production	
B_{FL}	-	s	1

Reaction to fire classification: B_{fl} s1



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4.3 Field of application

This classification is valid for the following product parameters:

Nominal Thickness:	2.0mm
Weight Per Unit Area:	3.40kg/m ²
Batch No:	5Z727
Shade:	5050 Ocean Blue

The classification is valid for the following end use applications:

The sample was tested over a fibre cement board (ISO 390) with a thickness of (6±1)mm and a density of (1,800±200) Kg/m³ representing the standard substrate of Class A1fl or A2fl.

Installation where the flooring is adhered with water based acrylic adhesive (Styccobond F44).

5 Limitations

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

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."

An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

.....*B Marsden*.....

SIGNED
B Marsden (Mrs)
Fire Technician

.....*P Doherty*.....
APPROVED
P Doherty
Operational Head

Enquiries concerning this report should be addressed to Customer Services.

