

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

Sponsor	Fiberplast BV De Roef 7a 9206 AK Drachten The Netherlands
Prepared by	Efectis Nederland BV Lange Kleiweg 5 P.O. Box 1090 NL-2280 CB RIJSWIJK The Netherlands
Notified Body no.	1234
Product name	ENVIRODECK flooring series Classic: Types; Coffie Brown and Natural Brown
Classification report no	2009-Efectis-R1103
Issue number	1
Date of issue	April 2010
Project number	2009407

This classification report consists of five pages and may only be used in its entirety.

This report is issued by Efectis Nederland BV (previously **TNO** Centre for Fire Research). Efectis Nederland BV and her sister company Efectis France are full subsidiaries of Efectis Holding SAS since 1st January 2008, in which the Dutch TNO and the French CTICM participate. The activities of the TNO Centre for Fire Research were privatised in Efectis Nederland BV since 1st July 2006. This is in response to international developments and requests by customers. In order to be able to give a better answer to the customer's request and offer a more comprehensive service of high quality and a wider range of facilities, the international collaboration has been further expanded. This is done with highly experienced partners in fire safety in Norway (Sintef-NBL), Spain (Afiti-Licof), Germany (IFT), USA (South West Research Institute) and China (TFRI). Further information can be found at our website.

1. Introduction

This classification report defines the classification assigned to ENVIRODECK flooring series Classic: Types; Coffee Brown and Natural Brown in accordance with the procedures given in EN 13501-1:2007.

2. Details of classified product

2.1 General

The product, ENVIRODECK flooring series Classic: Types; Coffee Brown and Natural Brown, is defined as a flooring system.

2.2 Product description

Structural extruded profile made from a mixture of recycled wood and plastics, composed of:

- 50-53 % recycled wood dust
- 42-45 % recycled HDPE (high density polyurethane)
- 2.5-4% additives: UV stabilizer, AO stabilizer, colour pigments
- Lamella thickness 5mm. Open void in middle of profile.
- Colours: Anthracite grey and cedar brown

The total product has a thickness of approx. 25 mm
Mass per unit area approx. 16.9 kg/m²

2.3 Manufacturer/Importer

Fiberplast BV
De Roef 7a
9206 AK Drachten
The Netherlands

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratories	Name of sponsor	Test reports	Test method
Efectis Nederland BV The Netherlands	Fiberplast BV The Netherlands	2009-Efectis-R1101 2009-Efectis-R1102	EN ISO 11925-2:2002 EN ISO 9239-1:2002

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN-ISO 11925-2 surface flame impingement	F _s ≤150 mm	6	27	-
	Ignition of filter paper		-	Compliant
Coffee Brown				
EN ISO 9239-1 (Longitudinal)	Critical Heat Flux [kW/m ²]	3	4.1	-
	Smoke density [%.min]		86.6	-
EN ISO 9239-1 (Cross direction)	Critical Heat Flux [kW/m ²]	1	7.6	-
	Smoke density [%.min]		5.9	-
Natural Brown				
EN ISO 9239-1	Critical Heat Flux [kW/m ²]	1	3.5	-
	Smoke density [%.min]		120.1	-

5. Limitations

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



J.F. Osterfeldt, M.Sc.



Ing. C.C.M. Steinhage

This report is issued by Efectis Nederland BV (previously **TNO** Centre for Fire Research). Efectis Nederland BV and her sister company Efectis France are full subsidiaries of Efectis Holding SAS since 1st January 2008, in which the Dutch TNO and the French CTICM participate. The activities of the TNO Centre for Fire Research were privatised in Efectis Nederland BV since 1st July 2006. This is in response to international developments and requests by customers. In order to be able to give a better answer to the customer's request and offer a more comprehensive service of high quality and a wider range of facilities, the international collaboration has been further expanded. This is done with highly experienced partners in fire safety in Norway (Sintef-NBL), Spain (Afiti-Licof), Germany (IFT), USA (South West Research Institute) and China (TFRI). Further information can be found at our website.