

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

<b>Sponsor</b>	Fiberplast BV De Roef 7a 9206 AK Drachten The Netherlands
<b>Prepared by</b>	Efectis Nederland BV Lange Kleiweg 5 P.O. Box 1090 NL-2280 CB RIJSWIJK The Netherlands
<b>Notified Body no.</b>	1234
<b>Product name</b>	Flooring series Marine: Types; Cedar Brown and Anthracite Grey
<b>Classification report no</b>	2009-Efectis-R1061
<b>Issue number</b>	1
<b>Date of issue</b>	December 2009
<b>Project number</b>	2009407

This classification report consists of four 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 1<sup>st</sup> 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 1<sup>st</sup> 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 **Fiberplast flooring panel; Series Marine: Type Cedar Brown and Anthracite Grey** in accordance with the procedures given in EN 13501-1: 2007.

## 2. Details of classified product

### 2.1 General

The products, **Series Marine: Type Cedar Brown and Anthracite Grey** flooring, are defined as a flooring covering system.

### 2.2 Product description

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

- 50-53 % recycled wood dust
- 42045 % 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/m<sup>2</sup>

### 2.3 Manufacturer/Importer

Fiberplast BV  
De Roef 7a  
9206 AK Drachten  
The Netherlands

## Test reports & test results in support of classification

### 3.1 Test reports

Name of Laboratories	Name of sponsor	Test reports	Test method
Efectis NL BV The Netherlands	Fiberplast BV De Roef 7a 9206 AK Drachten The Netherlands	2009-Efectis-R1062	EN ISO 11925-2:2002

### 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	Fs ≤150 mm	6	25	-
	Ignition of filter paper		-	Compliant

## 4. Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with clause 12 of NEN-EN 13501-1:2007

### 4.2 Classification

The products; **Series Marine: Type Cedar Brown and Anthracite Grey** flooring covering system in relation to its reaction to fire behaviour are classified:

$E_{fl}$

**Reaction to fire classification:  $E_{fl}$**

