

# External Exposure to Fire Classification Report

<b>Name of client:</b>	Sika Services AG		
<b>Product name:</b>	Sikaplan® VG-12 on a substrate of mineral wool		
<b>File no.:</b>	PCA10846A	<b>NB no.</b>	0845
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## Client information

Client: Sika Services AG

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The results relate only to the items tested. The report should only be reproduced in extenso - in extracts only with a written agreement with this institute.

## 1. Introduction

This classification report defines the classification assigned to the roof covering "Sikaplan® VG-12" in accordance with the procedures given in EN 13501-5:2016.

## 2. Details of roof covering

### 2.1 Nature and end use application

The roof covering "Sikaplan® VG-12" is defined as a plastic and rubber sheet for roof waterproofing according to EN 13956 "Flexible sheets for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics".

Its classification is valid for the product that in the end use application is laid onto non-combustible end-use substrates, cf. 4.3.

### 2.2 Description

The roof covering "Sikaplan® VG-12" is fully described in the test report in support of the classification listed in 3.1.

## 3. Reports and test results in support of this classification

### 3.1 Reports

Name of laboratory	Name of client	Report ref. No	Test method	Date
DBI	Sika Services AG	PFA12013A	CEN/TS 1187 Test 2	2022-12-21

### 3.2 Test results

Test conditions: Loose laid

Test pitch: 30°

Substrate: Standard substrate of mineral wool with a measured density of 134 kg/m<sup>3</sup>.

Parameter	Criteria		Test results <sup>a</sup>					Compliance Y/N
	Mean	Max	Spe.1	Spe.2	Spe.3	Mean	Max	
Damaged length at 2 m/s – roof covering	≤ 0,550 m	≤ 0,800 m	<b>0.440</b>	<b>0.430</b>	<b>0.440</b>	<b>0.437</b>	<b>0.440</b>	Y
Damaged length at 2 m/s – substrate	≤ 0,550 m	≤ 0,800 m	<b>0.185</b>	<b>0.270</b>	<b>0.260</b>	<b>0.238</b>	<b>0.270</b>	Y
Damaged length at 4 m/s – roof covering	≤ 0,550 m	≤ 0,800 m	<b>0.450</b>	<b>0.435</b>	<b>0.430</b>	<b>0.438</b>	<b>0.450</b>	Y
Damaged length at 4 m/s – substrate	≤ 0,550 m	≤ 0,800 m	<b>0.205</b>	<b>0.265</b>	<b>0.280</b>	<b>0.250</b>	<b>0.280</b>	Y

<sup>a</sup> Not for extended application.

#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-5:2016.

##### 4.2 Classification

The roof covering “Sikaplan® VG-12 on a substrate of mineral wool” in relation to its external fire performance is classified: B<sub>ROOF</sub>(t2).


##### 4.3 Field of application

This classification is valid for the following conditions:

- any non-combustible substrate with density equal to or greater than 100,5 kg/m<sup>3</sup>.

#### 5. Limitations

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



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