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## EXTERNAL EXPOSURE TO FIRE CLASSIFICATION REPORT OF ROOF COVERING

**Sponsor:** LLC Zavod LOGICROOF  
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**Notified body No:** 0809

**Product:** LOGICROOF V-RP + TechnoNICOL

**Classification report No:** VTT-S-6096-13



## 1 Introduction

This classification report defines the classification assigned to the product LOGICROOF V-RP + TechnoNICOL roof covering in accordance with the procedures given in EN 13501-5:2005 + A1:2009.

## 2 Description of the roof covering

The product LOGICROOF V-RP + TechnoNICOL is described below.

Type of product: roof covering materials

Product descriptions:

LOGICROOF V-RP:

Materials: PVC-P based membrane reinforced with polyester grid

Thickness: 1,5 mm

Area weight: 1,8 kg/m<sup>2</sup>

TechnoNICOL (separating layer):

Material: fibreglass matt

Area weight: 100 g/m<sup>2</sup>

## 3 Test reports and test results in support of classification

### 3.1 Test report

Name of laboratory	Name of sponsor	Test report	Test method
VTT Expert Services Ltd	LLC Zavod LOGIROOF	VTT-S-6028-13	CEN TS 1187 Test 2

### 3.2 Test 2

Test pitch: 30°

Substrate: expanded polystyrene, (EPS) (not fire retardant treated), nominal density 20 kg/m<sup>3</sup>, thickness 50 mm

Parameter	Criteria						Compliance	
	Mean	Max	Spe. 1	Spe. 2	Spe. 3	Mean		Max
Damaged length at 2 m/s – roof covering	≤ 550	≤ 800	368	363	357	363	368	Yes
Damaged length at 2 m/s – substrate	≤ 550	≤ 800	355	359	360	358	360	Yes
Damaged length at 4 m/s – roof covering	≤ 550	≤ 800	403	390	410	401	410	Yes
Damaged length at 4 m/s – substrate	≤ 550	≤ 800	423	385	411	406	423	Yes



## 4 Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-5:2005 + A1:2009.

### 4.2 Classification

The product LOGICROOF V-RP + TechnoNICOL in relation to its external fire performance is classified:

$B_{ROOF}(t_2)$

### 4.3 Field of application

This classification is valid for the following conditions:

- combustible or non-combustible substrates with density of at least  $15 \text{ kg/m}^3$

## 5 Limitations

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

Espoo, 5 September 2013



Kai Renholm  
Business Manager



Tiia Ryyänen  
Product Manager

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The test results relate only to the sample tested.