

*This classification report replaces the test report EUFI29-23000306-T8 dated 28 March 2023. Structure of the test specimen is corrected and addition of the definition of the substrate.*

## EXTERNAL EXPOSURE TO FIRE CLASSIFICATION REPORT OF ROOF COVERING

**Sponsor:** **Bestor Group AS**  
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**Prepared by:** **Eurofins Expert Services Oy**  
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**Notified Body No:** 0809

**Products:** **FATRAFOL 810/V (2,0 mm)**

**Classification report No:** EUFI29-23000306-T16

**Date of issue:** 10 May 2023

## 1 Introduction

This classification report defines the classification assigned to the roof covering products **FATRAFOL 810/V (2,0 mm)** in accordance with the procedures given in EN 13501-5:2016.

## 2 Description of the roof covering and substrate

The product **FATRAFOL 810/V (2,0 mm)** are described below.

### Top layer

- Product name: FATRAFOL 810/V (2,0 mm)
- Product description: roofing membrane on the basis of PVC-P reinforced with a polyester grid
- Nominal mass per unit area: 2390 g/m<sup>2</sup>
- Thickness: 2,0 mm
- Manufacturer: Fatra, a.s., třída Tomáše Bati 1541, 763 61 Napajedla, Česká republika

### Polyethylene foil (PE foil), vapour control barrier

- Product name: fatrapar 200
- Nominal thickness: 0,2 mm
- Manufacturer: PYTLÍK, a.s., IČ: 26459990, Bečovská1326/9, 104 00 Praha 10 – Uhřetěves, Česká republika

### Mineral wool insulation board

- Product name: PAROC ROS 50
- Thickness: 50 mm
- Manufacturer: Paroc Group, Energiakuja 3, FI-00180 Helsinki, Finland

### Wood particle board substrate

- Product name: OSB 3
- Thickness: 18 mm
- Manufacturer: KRONOSPAN OSB, spol.s r. o. Na Hranici 6, CZ -587 04 Jihlava, Czech Republic

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

#### 3.1 Test report

Name of laboratory	Name of sponsor	Test report	Test method and date
Eurofins Expert Services Oy	<b>Bestor Group AS</b>	EUFI29-23000306-T15	CEN TS 1187 Test 2 1 February 2023

#### 3.2 Test 2

Test pitch: 30°

Roof covering: **FATRAFOL 810/V (2,0 mm)**

Substrate: **Wood particle board**

Parameter	Criteria							Compliance
	Mean	Max	Spec. 1	Spec. 2	Spec. 3	Mean	Max	
Damaged length at 2 m/s wind speed – roof covering	≤ 550	≤ 800	400	351	360	370	400	Yes
Damaged length at 2 m/s wind speed – substrate	≤ 550	≤ 800	0	0	0	0	0	Yes
Damaged length at 4 m/s wind speed – roof covering	≤ 550	≤ 800	416	444	357	406	444	Yes
Damaged length at 4 m/s wind speed – substrate	≤ 550	≤ 800	0	0	0	0	0	Yes

## 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 products **FATRAFOL 810/V (2,0 mm)** in relation to its external fire performance is classified:

**B<sub>ROOF</sub> (t2)**

### 4.3 Field of application

None

## 5 Limitations

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

**Espoo, 10 May 2023**

Taru Huokuniemi  
Senior Expert

DISTRIBUTION

Customer

Electronically approved