

This classification report replaces the test report EUFI29-23000306-T9 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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Notified Body No: 0809

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

Classification report No: EUFI29-23000306-T18

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/m²
- Thickness: 2,0 mm
- Manufacturer: Fatra, a.s., třída Tomáše Bati 1541, 763 61 Napajedla, Česká republika

Glass fleece

- Product name: microlith® - glass fiber mat
- Nominal mass per unit area: 120 g/m²
- Manufacturer: Alpax s.r.o. , Terronská 19/580 ,160 00 Praha 6, Česká republika

EPS insulation board

- Product name: EPS S
- Thickness: 100 mm
- Manufacturer: BACHL, spol.sr.o., Evropská 669, 664 42 Modřice, 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 – Uhřetíněves, Česká republika

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	Bestor Group AS	EUFI29-23000306-T17	CEN TS 1187 Test 2 2 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	387	391	407	395	420	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	420	448	425	431	448	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_{ROOF} (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