

# External Exposure to Fire Classification Report

<b>Name of client:</b>	Sherwin-Williams Norway AS		
<b>Product name:</b>	Furu Takbord M/2 spor EP, Black Moreroyal 2.0		
<b>File no.:</b>	PCA11049A		
<b>Date:</b>	2025-03-14	<b>Revision no.:</b>	0
<b>Pages:</b>	4	<b>Encl.:</b>	0
<b>Ref:</b>	LIA / RED		

**Client information**

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Norway

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 "Furu Takbord M/2 spor EP, Black Moreroyal 2.0" 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 "Furu Takbord M/2 spor EP, Black Moreroyal 2.0" is defined as a wooden roofing.

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

### 2.2 Description

The roof covering "Furu Takbord M/2 spor EP, Black Moreroyal 2.0" 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	Sherwin-Williams Norway AS	PFA12364A	CEN/TS 1187 Test 2	2025-02-27

### 3.2 Test results

Test conditions: Loose laid

Test pitch: 30°

Substrate: Standard substrate of expanded polystyrene (EPS) with a measured density of 16.3 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	0.380	0.430	0.475	<b>0.428</b>	<b>0.475</b>	Y
Damaged length at 2 m/s – substrate	≤ 0,550 m	≤ 0,800 m	0	0	0	<b>0</b>	<b>0</b>	Y
Damaged length at 4 m/s – roof covering	≤ 0,550 m	≤ 0,800 m	0.205	0.305	0.215	<b>0.242</b>	<b>0.305</b>	Y
Damaged length at 4 m/s – substrate	≤ 0,550 m	≤ 0,800 m	0	0	0	<b>0</b>	<b>0</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 “Furu Takbord M/2 spor EP, Black Moreroyal 2.0” 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:

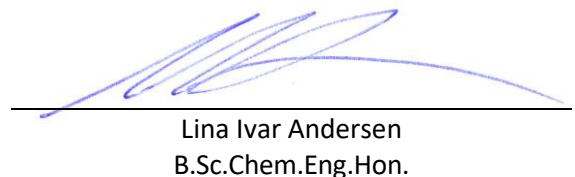
- any combustible and non-combustible substrate with density equal to or greater than 12.5 kg/m<sup>3</sup>

#### 5. Limitations

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



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