



Classification report – Talgø MøreTre AS

# Classification report for roof exposed to external fire

*MøreRoyal® Concise® Takbord*

NS-EN 13501-5:2016

Author:

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# Classification report for roof exposed to external fire

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VERSION

1

DATE

2020-11-26

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AUTHOR

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CLIENT

Talgø MøreTre AS  
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N-6645 Todalen

CLIENT'S REF.

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PRODUCT

MøreRoyal® Concise® Takbord

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ABSTRACT:

This classification report defines the classification assigned to the product *MøreRoyal® Concise® Takbord* in accordance with the procedures given in NS-EN 13501-5:2016.

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CLASSIFICATION

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## History

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1	2020-11-26	First version.

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## 1 Product description

The product *MøreRoyal® Concise® Takbord* is described in the test report in support of the classification listed in section 2.

## 2 Reports and results in support of this classification

### 2.1 Test reports

Table 1 Test reports in support of this classification.

Name of laboratory	Name of sponsor	Report ref. no. and date	Test method
RISE Fire Research AS	Talgø MøreTre AS	130004-59 2021-11-18	CEN/TS 1187:2012, Test 2. Method with burning brands and wind

### 2.2 Test results

Report ref. no.: 130004-59

*Test conditions:* According to CEN/TS 1187:2012, test 2. A *MøreRoyal®*-treated wooden (pine) roof cladding with square density between 13.5-14.5 kg/m<sup>2</sup> and thickness 28 mm was tested on a substrate of expanded polystyrene (EPS).

*Test pitch:* 30°

*Substrate:* Standard substrate; board of expanded polystyrene (EPS), density of (20 ± 5) kg/m<sup>3</sup>, thickness of 50 mm.

Table 2 Test results in support of the classification *MøreRoyal®*-treated wooden (pine) roof cladding with square density between of 13.5-14.5 kg/m<sup>2</sup> and a substrate EPS.

Parameter	Criteria		Test Results <sup>a</sup>					Compliance
	Mean	Max	Test 1	Test 2	Test 3	Mean	Max	
Damaged length at 2 m/s – roof covering [m]	≤0.550	≤0.800	0.540	0.460	0.470	<b>0.490</b>	<b>0.540</b>	Yes
Damaged length at 2 m/s – substrate [m]	≤0.550	≤0.800	No damage	No damage	No damage	<b>No damage</b>	<b>No damage</b>	Yes
Damaged length at 4 m/s – roof covering [m]	≤0.550	≤0.800	0.500	0.540	0.580	<b>0.540</b>	<b>0.580</b>	Yes
Damaged length at 4 m/s - substrate [m]	≤0.550	≤0.800	No damage	No damage	No damage	<b>No damage</b>	<b>No damage</b>	Yes

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

## 3 Classification and field of application

### 3.1 Reference

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

### 3.2 Classification

The roof *MøreRoyal® Concise® Takbord* of 13.5-14.5 kg/m<sup>2</sup> in relation to its external fire performance is classified:

***BROOF (t2)***

## 4 Field of application

This classification is valid for the following conditions:

- **range of pitches:** - all pitches.
- **range of substrates:** - combustible and non-combustible substrates, having a density  $\geq 15$  kg/m<sup>3</sup>.

## 5 Limitations

This document does not represent type approval or certification of the product

**RISE Fire Research AS**

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