

Fire protection ability Classification Report

Covering:

Pinewood profiles with coating mounted on timber battens

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1 OWNER

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2 INTRODUCTION

This classification report defines the classification assigned to the product in accordance with the procedures given in EN 13501-2:2007+A1:2009.

3 DETAILS OF CLASSIFIED PRODUCT

3.1 GENERAL

The pinewood profiles with intumescent coating and timber battens are defined as a covering.

The classification is valid for the following end use application: Covering.

3.2 DESCRIPTION

A covering of 15 mm pinewood profiles size 95 x 1800 mm (width x height) with intumescent coating type HW02E and ES/RFC/TC/C mounted with tongue (6 mm) and groove (7 mm). Fixed using screws to timber battens placed per 600 mm.

The build-up of the covering is detailed in the test report in support of this classification report. The test report is quoted in clause 4.



4 TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1 TEST REPORT

Name of Laboratory	Name of sponsor	Test report File No.	Test method	Date of test
Danish Institute of Fire and Security Technology	Intumescent Systems Limited	PGA10050, 2011-11-11	EN 14135:2004	2011-09-19

4.2 TEST RESULTS

Test report PGA10050:

Test method	Parameter	Results
EN 14135	<u>Integrity</u>	
After 10 minutes exposure	- Collapse of the covering or parts of it:	No
	- Ignition or charring of the chipboard:	No
	- Burnt, charred, melted or shrunk material on the chipboard:	No
	<u>Insulation</u>	
	- Temperature rise on the unexposed side of the covering:	
	Average:	78 °C
	Maximum:	96 °C
	- Temperature rise on the lower side of the chipboard:	
	Average:	96 °C
	Maximum:	99 °C

5 CLASSIFICATION AND FIELD OF APPLICATION



5.1 REFERENCE

This classification has been carried out in accordance with clause 7.6 of EN 13501-2:2007+A1:2009.

5.2 CLASSIFICATION

The fire protection ability classification for the product is: **K₁ 10 or K₂ 10**

5.3 FIELD OF APPLICATION

This classification is valid for the following end use conditions for the covering:

- for 15 mm profiles with maximum width and length of 95 x 1800 mm
- for profiles with thickness of 15 mm
- On substrates with a density above 300 kg/m³ if K₁ 10 is required
- on all substrates if K₂ 10 is required
- with closer spacing between the fixings than used in the test specimen
- increase in height above 10 mm of the air gap (the cavity) behind the covering
- horizontal, vertical and sloped application of the covering.

6 LIMITATIONS

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


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/ 
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