

CLASSIFICATION REPORT

Covering

Name of sponsor: TREETOPS TRADING A/S

Product name: Wood wool Panels (Cewood with white cement)

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Ref: MRD / NOL

Client information

Client: TREETOPS TRADING A/S

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The results relate only to the items tested. The classification report should only be reproduced in extenso – in extracts only with a written agreement with this institute.

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1 Introduction

This classification report defines the classification assigned to the product in accordance with the procedures given in EN 13501-2:2016.

This classification report includes the direct field of application of the test results.

2 Details of classified product

General

Producer of product: TreeTops Trading A/S

The product was designated: Wood wool panels (CEwood with white cement)

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

Product description

The product consisted of one layer of wood wool panels (CEwood with white cement) fixed to a support system.

The details of the product are described in DBI test report PGA11934A dated 19-04-2021.

3 Reports in support of the classification

Test report

The product was successfully tested in accordance with EN 14135:2004 Coverings – Determination of fire protection ability. The evidence for this is given in the test report listed below:

Reference test:				
Name of Laboratory	Name of sponsor	Test report file no.	Test method	Date of test
Danish Institute of Fire and Security Technology	TreeTops Trading A/S	PGA11934A dated 19-04-2021	EN 14135:2004	25-03-2021

Test results

DBI test report PGA11934A concerns a fire protection ability test of a covering consisting of one layer of 25 mm wood wool panel (CEwood with white cement) mounted on a pinewood support system with an air cavity of 12 mm to the standard substrate (chipboard).

Test Duration	Parameter	Test results
10 minutes	<p>Integrity</p> <ul style="list-style-type: none"> - Collapse of the covering or parts of it: - Ignition or charring of the chipboard: - Burnt, charred, melted or shrunk material on the EPS: <p>Insulation</p> <ul style="list-style-type: none"> - Temperature rise on the unexposed side of the covering: <ul style="list-style-type: none"> Average: 77 °C Maximum: 78 °C - Temperature rise on the lower side of the chipboard: <ul style="list-style-type: none"> Average: 73 °C Maximum: 77 °C 	<p>No failure</p> <p>No failure</p> <p>No failure</p> <p></p> <p></p> <p></p>

4 Classification and field of application

Reference

This classification has been carried out in accordance with clause 7.6 of EN 13501-2:2016.

Classification

The product is classified according to the following combinations of performance and classes as appropriate.

Fire protection ability classification: **K₁ 10 and K₂ 10**

Field of application

The classification is valid for the following end use conditions:

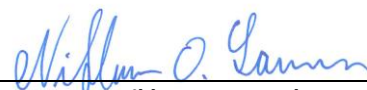
- Wood wool panels (Cewood with white cement) with dimensions of: 600 x 600 mm (length x width), 1200 x 600 mm (length x width) and 2400 x 600 mm (length x width) with cut edges
- One Layer of Wood wool panels (Cewood with white cement) with a nominal thickness of 25 mm and a nominal density of 420 kg/m³
- Mounted without distance between the boards
- Mounted with T-connections and cross-connections between the panels
- Mounted with the same fixing method (5.0 x 35 mm screws) with a cc of 580 mm or closer
- Mounted with the same amount of screws or more than in the test specimen
- Horizontal, vertical and sloped application of the covering
- On substrates with a density of at least 300 kg/m³ for a covering designated K₁ 10
- On all substrates for a covering designated K₂ 10
- The air cavity behind the covering must be at least 12 mm

5 Limitations

This document does not represent type approval or certification of the element.

Danish Institute of Fire and Security Technology


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