

CLASSIFICATION REPORT

Covering

Name of sponsor:	REXCON system ApS		
Product name:	ReBLOK		
File no.:	PCA10875A	Revision No:	0
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Client information

Client: REXCON system ApS

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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 DS/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: REXCON system ApS

The product was designated: ReBLOCK

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

Product description

The product is a ReBLOCK system, consisting of a premade box with a wood fiber insulation as substrate.

The details of the product are described in DBI test report PGA12256A.

3 Reports in support of the classification

Test report

The product was successfully tested in accordance with EN 14135:2004. 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	REXCON system ApS	PGA12256A dated 21-04-2023	EN 14135:2004	21-02-2023

Test results

DBI test report PGA12256A concerns a fire protection ability test of a covering consisting of ReBLOCK system.

Test Duration	Parameter	Test results
10 minutes	<p>Integrity</p> <p>- Collapse of the covering or parts of it:</p> <p>- Burnt, charred, melted or shrunk material on the substrate</p> <p>Insulation</p> <p>- Temperature rise on the lower side of the substrate: Average: Maximum:</p>	<p>No failure</p> <p>No failure</p> <p>90 °C 91 °C</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 & K₂ 10**

Field of application

The classification is valid for the following end use conditions:

The test results are directly applicable to similar constructions where one or more changes in this field of application are made and the construction continues to comply with the appropriate design code for its stiffness and stability. Other changes are not permitted.

- With a protective layer of cement bonded particle board 12 mm and 1350 kg/m³ designated Centris Base.
- ReBlock with a maximum size 596 x 300 (width x height).
- One layer of Reblock with a thickness of 342 mm, mounted with staggered joints.
- Horizontal, vertical and sloped application of the covering.
- On substrate as tested of minimum 320 mm thick wood fiber insulation with a nominal density of 46 kg/m³, designated "Thermocell" for K₁10
- On all substrates for a covering designated K₂ 10.
- The rest of the details must be as in test report PGA12256A.

5 Limitations

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

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