REPORT

Issued by an Accredited Testing Laboratory

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Classification of reaction to fire in accordance with EN 13501-1

1 Introduction

This classification report defines the classification assigned to "DELTA Unterdeckbahn LIGHT / 269-19-717-51538 10:32 10" in accordance with the procedure given in EN 13501-1:2018.

2 Details of classified product

2.1 General

The product "DELTA Unterdeckbahn LIGHT / 269-19-717-51538 10:32 10" is defined as a Roofing membrane. Its classification is valid for the following end use application: Surface lining.

2.2 Product description

The product "DELTA Unterdeckbahn LIGHT / 269-19-717-51538 10:32 10", consisting of 3 layers in the following order: 55 g/m^2 PP-nonwoven, 25 g/m^2 TPU membrane and 22 g/m^2 PP non-woven with 10 g/m² glue to join the layers. The product has a nominal area weight of 112 g/m^2 and a nominal thickness of 0.5 mm. The colour is black.

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test report.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Dörken GmbH & Co. KG	O100609-1108193-1rev1	EN ISO 11925-2:2020

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Testing
ISO/IEC 17025

3.2 Test results

Table 2 Test results showing the worst case as found in the test program performed.

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 11925-2		6		
Surface flame attack*				
15 s exposure	*F*s ≤ 150 mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	Yes

* : as required to the end use application of the product

(-) : not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2018.

4.2 Classification

The product called “DELTA Unterdeckbahn LIGHT / 269-19-717-51538 10:32 10” in relation to its reaction to fire behaviour is classified:

E

The additional classification in relation to flaming particles/droplets is:

d2

Reaction to fire classification: *E-d2*

4.3 Field of application:

This classification is valid for the following product parameters:

Product description, as specified in 2.2 in this report

Nominal thickness: 0.5 mm.

Nominal area weight: 112 g/m^2.

This classification is valid for the following end use conditions:

The product is mounted without exposed edges.

The sample was delivered by the client. RISE, Fire Technology was not involved in the sampling procedure.

5 Limitations

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

RISE Research Institutes of Sweden AB
Fire and safety - Reaction to Fire Material Lab

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Verification

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Document

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