CLASSIFICATION REPORT REACTION TO FIRE

Report Number
CR 23-0497-01

Report Type
ORIGINAL

Report Date
26/06/2023

Prepared by
Ghent University, Centre for Textile Science and Engineering (CTSE)
Notified Laboratory N° 1611 under EU-Regulation 305/2011

Product Name [ci]
Rewind 900 Flat

Manufacturer
Beaulieu Flooring Solutions
Groenedreef 15a, 9770 Kruisem, Belgium

Sponsor
Beaulieu Flooring Solutions
Groenedreef 15a, 9770 Kruisem, Belgium

Notes
This classification document does not represent type approval or certification of the product.
Results from test methods denoted by * are ISO 17025 accredited, cf. Belac 055-test.
Conclusion, comments and opinions denoted by * are ISO 17025 accredited, cf. Belac 055-test.
Ghent University holds no responsibility for information provided by the client/sponsor (denoted by [ci]).
When checking conformity, measurement uncertainty is not taken into account, unless otherwise stated.
This report is only valid when it is digitally signed.
This report can be shared only in its complete and unaltered form and in consent with the sponsor.

BELAC ISO/IEC17025 055-test

1. Introduction

This classification report defines the classification assigned to **Rewind 900 Flat**, in accordance with the procedures given in EN 13501-1 (2018)*.

2. Details of classified product [ci]

2.1 General

The product, **Rewind 900 Flat**, is defined as Needle felt Textile floor covering *(in compliance with EN 14041).*

2.2 Product description

The product, **Rewind 900 Flat** is described below and in the test report(s) listed in Clause 3.1.

Total product description	Type of construction: Textile floor covering Type of surface: Needle felt
Composition of layer(s)	Use surface: 100% PP Backing layers: -
Flame retardant treatment	No

3. Reports and results in support of classification

3.1 Test reports

Name of test laboratory	Name of sponsor	Test report number	Test method
Ghent University - Centre for Textile Science and Engineering	Beaulieu Flooring Solutions	23-0497-01	EN ISO 9239-1 (2010)*
Ghent University - Centre for Textile Science and Engineering	Beaulieu Flooring Solutions	23-0497-01	EN ISO 11925-2 (2010)*

3.2 Test results

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1 (2010)*	Critical flux (kW/m²)	3	10.6	B_{fl}
	Smoke (%.min)		12	s1
EN ISO 11925-2 (2010)*	Fs	6	PASS	PASS

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1 (2018)*.

4.2 Classification

The product, **Rewind 900 Flat**, in relation to its reaction to fire behaviour is classified: **B_{fl}**

The additional classification in relation to smoke production is: **s1**

Given the field of application in §4.3 and limitations in §5, it meets the requirements of

Classification for reaction to fire of floorings: B_{fl} - s1

4.3 Field of application

This classification is valid for the following product parameters[ci]:

	Min.	Max.
Range of total mass (kg/m²)	0.85	0.95
Range of total thickness (mm)	5	5.6

See description in section 2.2 of this report, as well as any other relevant information provided by the sponsor.

This classification is valid for the following end use applications:

End Use[ci]	Contract
Deposition method	Glued down
Substrates	Fibre cement board (Euroclass A2)
Joints	No joint provided in the test
Other aspects of end use conditions	-

See installation specifications given by the sponsor.

5. Limitations

The test laboratory has played no part in sampling of the test material, nor in the naming of the sample, although it holds appropriate references, supplied by the sponsor, to provide for traceability of the samples tested.

The classification is only valid for products complying with the samples tested. Any deviation from the product or installation specifications cited above, may change the classification.

The manufacturer has made a declaration, which is held on file. This confirms that the design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate within the context of CPR 305/2011/EU.

Johanna Louwagie
Head of certification