

Report of the classification of the reaction to fire behaviour

no. 230007801-6

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Modified issue

Sponsor

Erfurt & Sohn KG
Hugo-Erfurt-Str. 1

42399 Wuppertal

Order

Classification of the reaction to fire behaviour according to DIN EN 13501-1

Date of order:

28.06.2010

Name of the classified building product:

Decorative wall covering according to DIN EN 15102 with the designation „ERFURT-Vlies-Rauhfaser“

This report determines the classification of the above-mentioned building product in accordance with the method specified in DIN EN 13501-1 (edition 2010).

1. Description of the building product

Decorative wall covering

Thickness: on average 0.75 mm

Weight per unit area: on average 184 g/m²

Colour: white

In the end-use application the wall covering is glued to the substrate with the adhesive „Neuputzkleister Metylan“ (applied quantity in wet condition 300 g/m² at maximum). The surface is coated with „Alligator Wandfarbe Extra“ (applied quantity in wet condition 200 g/m² at maximum).

2. Test reports and test results which form the basis of the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	Erfurt & Sohn KG Hugo-Erfurt-Str. 1 42399 Wuppertal	230007801-4 issued 03.11.2014	DIN EN 13823
MPA NRW	Erfurt & Sohn KG Hugo-Erfurt-Str. 1 42399 Wuppertal	230007801-5 issued 03.11.2014	DIN EN ISO 11925-2

2.2 Test results

Test method	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN 13823	3	FIGRA _{0,4} (W/s) THR _{600s} (MJ) LFS < outer edge SMOGRA (m ² /s) TSP _{600s} (m ²) Flaming droplets / particles (s)	61,3 1,4 -- 0,0 31,0 --	-- -- yes -- -- no

Test method	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN ISO 11925-2	6 x K and 6 x F	F _s ≤ 150 mm Flaming droplets / particles	-- --	yes no

Note: K = Tested with flames exposed to the edge, F = Tested with flames exposed to the surface

3. Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with clauses 11. and 14.1 of the standard DIN EN 13501-1: 2010.

3.2 Classification

The classification assigned to the material with regard to its reaction to fire is: **B**

The additional classification with regard to smoke production is: **s1**

The additional classification with regard to flaming droplets / particles is: **d0**

This results in the following reaction to fire classification of the material:

Reaction to fire	Smoke production	Flaming droplets / particles
B	s1	d0

i.e. **B – s1, d0**

3.3 Field of application of the product

The classification is solely valid for the product described in clause 1, decorative wall covering „ERFURT-Vlies-Rauhfaser“ glued with „Neuputzkleister Metylan“ onto substrates of gypsum plasterboards or other substrates which are classified regarding their reaction to fire as class A1 and A2 according to DIN EN 13501-1. The minimum thickness of these substrates must be 6 mm and the minimum density 600 kg/m³. The surface may be coated with „Alligator Wandfarbe Extra“ or similar coatings with a max. applied quantity of 200 g/m² (applied quantity in wet condition).

4. Restrictions

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

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt the German version is solely valid.

Erwitte, 03.11.2014


 Dipl.-Ing. Rademacher
 Head of the testing body



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