

Report of the classification of the reaction to fire behaviour

No. 230006776-3-3
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English version

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: 13 November 2008

Notified body no.: -0432-

Name of the classified building product:

Wall covering named "Variovlies R300" as well as "Klimatec Thermovlies basic" and "Cosy Liner"

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

1 Description of the building product

Wall covering named "Variovlies R300" "Klimatec Thermovlies basic".
Consisting of 160 g/m² polyester fleece, 20 g/m² hot-melt adhesive and 100 g/m² Vario fleece (cellulose with polyester fibres). The wall covering may also be named "Klimatec Thermovlies basic" and "Cosy Liner".

Total weight per unit area	approx.. 280 g/m ²
Colour	white

The test procedure for the classification is described in the test reports listed in clause 2.1 of this classification report.

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 reports	Test method
MPA NRW	ERFURT & SOHN KG Hugo-Erfurt-Str. 1 42399 Wuppertal	230006776-1	DIN EN 13823
MPA NRW	ERFURT & SOHN KG Hugo-Erfurt-Str. 1 42399 Wuppertal	230006776-2	DIN EN ISO 11925-2

2.2 Test results

Test method	Number of tests	Parameter	Test results
DIN EN 13823	3	FIGRA _{0,2 MJ} (W/s)	161
		FIGRA _{0,4 MJ} (W/s)	143
		THR _{600s} (MJ)	2,6
		LFS	< edge
		SMOGRA (m ² /s ²)	9
		TSP _{600s} (m ²)	66
		Duration of production of flaming droplets/particles (s)	0
DIN EN ISO 11925-2 Flame impingement: 30 s	12	F _s (mm)	≤ 150
		Flaming droplets / particles	no

3 Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with the clauses 11 and 14.1 of the standard DIN EN 13501-1 : 2007.

3.2 Classification

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

The additional classification with regard to smoke production is: **s2**

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
C	s2	d0

i.e. **C-s2,d0**

3.3 Field of application of the product

The classification is solely valid for the building product described in clause 1, glued with "Erfurt San Remo 4", maximum applied quantity in wet condition 770 g/m² onto substrates made of gypsum plasterboards as well as substrates classified as A1 or A2 with a density of at least 800 kg/m³. The substrates must have a thickness of at least 6 mm.

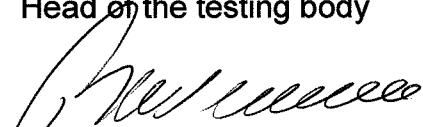
The total weight per unit area of the wall coverings must be 280 g/m² (±10%).

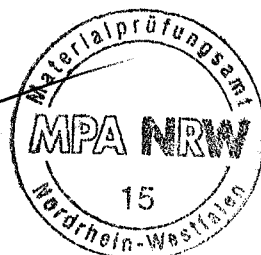
4 Restrictions

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, 9 September 2013
 Head of the testing body


 (Dipl.-Ing. Rademacher)



Engineer in charge


 (Dipl.-Ing. Olaf Rickert)

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