

Report of the classification of the reaction to fire behaviour

No. 230008115-5
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English version

Sponsor : MARBURGER TAPETENFABRIK
J.B. Schaefer GmbH & Co. KG
Bertram-Schaefer-Str. 11

35274 Kirchhain

Order: Klassifizierung des Brandverhaltens nach DIN EN 13501-1:2007+A1:2009

Date of order: 02.08.2011

Type and designation of the classified building product:

Decorative wall covering „Artikel 73202“

Notified body no.: 0432

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

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This classification report consists of 3 pages.

1 Description of the building product

Decorative wall covering in form of rolls according to DIN EN 15102 made of foamed PVC on a cellulose-polyester-fleece backside

Weight per unit area of the fleece: 85 g/m² ± 10 %

Weight per unit area of the PVC: approx. 114 g/m²

Total weight per unit area: approx. 199 g/m²

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	MARBURGER TAPETENFABRIK J.B. Schaefer GmbH & Co. KG	230008115-2 230008115-4	DIN EN ISO 11925 – 2 DIN EN 13823

2.2 Test results

The following test results are the basis for the classification.

Test method	Parameter	Number of tests performed	Test results	
			Average values of continuous parameter	Requirements discrete parameter
DIN EN ISO 11925-2 30 s Duration of flame impingement	Flame spread ≤150 mm	6	--	yes
	Flaming droplets / particles			no
DIN EN 13823	FIGRA _{0,2} in W/s	3	98	--
	FIGRA _{0,4} in W/s		64	--
	THR _{600s} in MJ		1.6	--
	LFS _{edge}		--	< edge
	SMOGRA in m ² /s ²		3	--
	TSP _{600s} in m ²		41	--
	Duration of production of flaming droplets / particles (s)		0	--

3 Classification and direct field of application

3.1 Reference

The classification has been carried out in accordance with clauses 11 and 14 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 building product described in clause 1 when it is glued onto gypsum plasterboards and/or on non-combustible substrates classified as Euro class A1 or A2-s1, d0 with a raw density of at least 525 kg/m³ and a thickness of at least 12 mm. For the adhesion the wall paper paste "Metylan Spezial" is to be used with an applied quantity (in wet condition) of 200 g/m².

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, 26.01.2012

Head of the testing body

Dipl.-Ing. Rademacher



Engineer in charge

Dipl.-Ing. Schreiner

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