

# Report of the classification of the reaction to fire behaviour

**No. 230010192-3**  
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**English version**

**Sponsor:** NESCHEN AG  
Hans-Neschen-Straße 1  
D-31675 Bückeburg

**Order:** Reaction to fire classification according to DIN EN 13501-1

**Date of order:** 22.04.2015

**Name of the classified building product:**

Tapete „UVprint wallpaper 170“

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

Wallpaper "UVprint wallpaper 170":

Thickness: 283 µm

Weight per unit area: 171 g/m²

Colour: white

The non-woven wallpaper is composed as follows:

- pulp
- PES-fibres
- Synthetic binder

## 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	NESCHEN AG Hans-Neschen-Str. 1 31675 Bückeburg	230010192-1 of 08.09.2015	DIN EN 13823
MPA NRW	NESCHEN AG Hans-Neschen-Str. 1 31675 Bückeburg	230010192-2 of 08.09.2015	DIN EN ISO 11925-2

### 2.2 Test results

Test method	Number of tests	Parameter	Test results
DIN EN 13823	3	FIGRA <sub>0,2 MJ</sub> (W/s)	157
		FIGRA <sub>0,4 MJ</sub> (W/s)	100
		THR <sub>600s</sub> (MJ)	1.4
		LFS	< edge
		SMOGRA (m²/s²)	0
		TSP <sub>600s</sub> (m²)	45
		Duration of production of flaming droplets/particles (s)	0
DIN EN ISO 11925-2	12	F <sub>s</sub> (mm)	<= 150
Flame impingement: 15 s		Flaming droplets/particles	no

### 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: **C**

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>C</b>	<b>s1</b>	<b>d0</b>

i.e. **C-s1,d0**

#### 3.3 Field of application of the product

The classification is solely valid for the building product described in clause 1, glued with „Methylan Direkt“ or „Methylan NP Power Granulat Plus“ onto gypsum plasterboards according to DIN EN 13238 (table 1) or onto substrates which are classified as class A1 or A2 according to 13501-1. They must have a minimum density of 525 kg/m<sup>3</sup> and a minimum thickness of 12 mm.

### 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, 08.09.2015

On behalf

Head of the testing body

By proxy

(Dipl.-Ing. Kühnen)



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