

Reaction to fire classification report No. 18948C

Owner of the classification report

Tapetex B.V.
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Introduction

This classification report defines the classification assigned to the product **'Tapetex Wall Material, One-Layer Nonwoven of cellulosic and polyester Fibres with a nominal weight of 260 g/m² (7.67 oz/sq/Yd)'** in accordance with the procedures given in the standard EN 13501-1:2007+A1:2009: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

This classification report consists of 6 pages

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product **Tapetex Wall Material, One-Layer Nonwoven of cellulosic and polyester Fibres with a nominal weight of 260 g/m² (7.67 oz/sq/Yd)** is defined as a 'decorative wall covering'.

Its classification is valid for the following end use application(s):
Used as decorative material for interior applications.

b) Description of the tested product

This description is based on information given by the sponsor.

| | Nominal values |
|----------------------------------|--|
| Tested product | |
| Type of product | The tested product is a one-layer nonwoven textile of cellulosic and polyester fibres. |
| Manufacturer | Tapetex B.V. |
| Thickness (mm) | 0,50 |
| Surface mass (g/m ²) | 260 |
| Surface structure | Rough textured (square pattern) – see Figure 1 |
| Use of fire retardants | No |
| Colour | White |

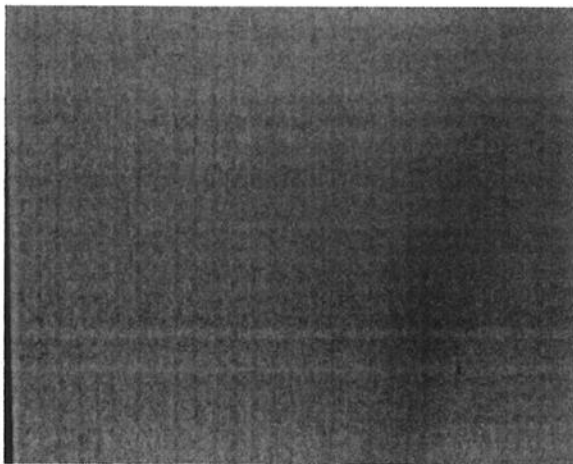


Figure 1: Tested wall covering

More details (e.g. mounting and fixing) are available in the test reports in support of this classification (§2a).

2. TEST REPORTS AND EXAP REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

a) Test reports (and EXAP reports)

| Name of the laboratory | Name of the sponsor | Test report ref. No. and test date | Test method |
|------------------------------|--|------------------------------------|---|
| WFRGENT nv Ghent, Belgium | Tapetex B.V. Helmond, The Netherlands | 18948A: 12/03/2018 | EN ISO 11925-2 (November 2010/AC:2011) |
| WFRGENT nv Ghent, Belgium | Tapetex B.V. Helmond, The Netherlands | 18948B: 15/03/2018 | EN 13823 (July 2010+A1:2014) |

b) Test results

| Test method | Parameter | Number of tests | Results | | Criteria for Class B-s2,d0 | |
|---|--|-----------------|----------------------------|-----------------------|----------------------------|-----------------------|
| | | | Continuous parameters Mean | Compliance parameters | Continuous parameters | Compliance parameters |
| EN ISO 11925-2 (*) (1) 30 s flame application: | | | | | | |
| <u>Surface exposure</u> | $F_s \leq 150$ mm | 6 | (-) | Yes | (-) | Yes |
| - front side | Ignition filter paper | | (-) | No | (-) | No |
| <u>Edge exposure</u> | $F_s \leq 150$ mm | 6 | (-) | Yes | (-) | Yes |
| - front side | Ignition filter paper | | (-) | No | (-) | No |
| (*) The material didn't melt nor pull away from the pilot burner. (1) Based on the results obtained in test report No. 18948A. | | | | | | |
| EN 13823 (2) | FIGRA _{0,2MJ} (W/s) | | 111 | (-) | ≤ 120 | (-) |
| | FIGRA _{0,4MJ} (W/s) | | 66 | (-) | (-) | (-) |
| | LFS _{<edge} | | (-) | Yes | (-) | Yes |
| | THR _{600s} (MJ) | | 1,7 | (-) | $\leq 7,5$ | (-) |
| | SMOGRA (m ² /s ²) | | 14 | (-) | ≤ 180 | (-) |
| | TSP _{600s} (m ²) | | 57 | (-) | ≤ 200 | (-) |
| | Flaming droplets/particles | 3 | | | | |
| | f < 10 s | | (-) | No | (-) | No |
| | f > 10 s | | (-) | No | (-) | No |
| (2) Based on the results obtained in test report No. 18948B. | | | | | | |

(-) Not applicable.

3. CLASSIFICATION AND FIELD OF APPLICATION

a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009. The related harmonized product standard is EN 15102:2007+A1:2011.

b) Classification

The product **Tapetex Wall Material, One-Layer Nonwoven of cellulosic and polyester Fibres with a nominal weight of 260 g/m² (7.67 oz/sq/Yd)** in relation to its reaction to fire behavior is classified as:

| Fire behavior | Smoke production | Flaming droplets |
|---------------|------------------|------------------|
| B | s2 | d0 |

c) Field of application

This classification for the product as described in §1b, is valid for the following end use conditions:

- Substrate: Euro class A2-s1,d0 or better with a minimal thickness of 12 mm and a minimal density of 525 kg/m³
- Without air gap
- Fixing: Glued onto the substrate using tapetex PRO-1 glue in an amount of 200 g/m². The glued is spread out all over the surface using a glue trowel.
- With or without vertical butt joint

This classification is valid for the following product parameters:

- Nominal thickness: 0,50 mm
- Nominal surface mass: 260 g/m²
- Colour: White
- Surface structure: Rough textured (square pattern)
- No use of fire retardants

4. RESTRICTIONS

At the time the standard EN 13501-1:2007+A1:2009 was published, no decision was made concerning the duration of validity of a classification report.

Provisions of Regulation (EU) 305/2011, commonly known as the Construction Products Regulation (CPR), prevail over any conflicting provisions in the harmonised standards and technical specifications.

5. WARNING

This classification report does not represent type approval nor certification of the product.

a) Concerning Declaration of Performance (DoP) according to CPR

The classification assigned to the product in this report is appropriate to a Declaration of Performance (DoP) of the essential characteristics of the construction product by the manufacturer within the context of a System 3 Assessment and Verification of Constancy of Performance (AVCP).

Under the Construction Products Regulation (CPR: EU 305/2011), such a Declaration of Performance (DoP) is a requirement for affixing the CE marking.

The manufacturer has made a declaration, which is held on file. This confirms that the product's 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 a System 3 Assessment and Verification of Constancy of Performance (AVCP) is appropriate.

The test laboratory has played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide evidence for the traceability of the samples tested.

b) Concerning Declaration of Conformity according to CPD (following EN 13501-1:2007+A1:2009)

According to EN 13501-1:2007+A1:2009: Annex B - Reaction to fire classification report § 5 'Limitations':

"The classification assigned to the product in this report is appropriate to a Declaration of Conformity by the manufacturer within the context of a System 3 Attestation of Conformity and CE marking under the Construction Products Directive."

"The manufacturer has made a declaration, which is held on file. This confirms that the product's 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. The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested."

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