

Reaction to fire classification report No. 17822C

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 Materials, woven textiles of animal fibres (silk, wool) on a paper backing of 70 % woodpulp reinforced with 30 % polyester and with a weight of approximately 330 g/m². Tested quality 66-1521.’** 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 Materials, woven textiles of animal fibres (silk, wool) on a paper backing of 70 % woodpulp reinforced with 30 % polyester and with a weight of approximately 330 g/m². Tested quality 66-1521.**' 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 woven textile of animal fibres (silk, wool) on a paper backing of 70 % woodpulp reinforced with 30 % polyester.
Manufacturer	Tapetex B.V.
Supplier	Tapetex B.V.
Thickness (mm)	0,50
Surface mass (g/m ²)	330
Surface structure	Rough textured woven on the fire exposed side (see Figure 1)
Use of fire retardants	No
Colour	White

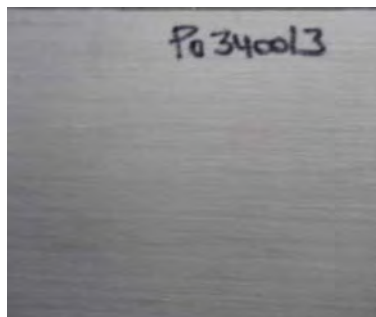


Figure 1: Tested wall covering

More details are available in the test reports in support of this classification (§2a).

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

a) Test 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	17822A: 03/06/2016	EN ISO 11925-2 (November 2010/AC:2011)
WFRGENT nv Ghent, Belgium	Tapetex B.V. Helmond, The Netherlands	17822B: 06/06/2016 & 08/06/2016	EN 13823 (July 2010+A1:2014)

b) Test results

Test method	Parameter	Number of tests	Results		Criteria for Class B-s1,d0	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
EN ISO 11925-2 (*) (1) 30 s flame application: <u>Surface exposure</u> - front side <u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
	$F_s \leq 150$ mm Ignition filter paper	6	(-)	No	(-)	No
	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
	$F_s \leq 150$ mm Ignition filter paper	6	(-)	No	(-)	No
(*) The material didn't melt nor pull away from the pilot burner. (1) Based on the results obtained in test report No. 17822A.						
EN 13823 (2)	FIGRA _{0,2 MJ} (W/s)	3	64	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		48	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		2,1	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)		5 (**)	(-)	≤ 30	(-)
	TSP _{600s} (m ²)		34 (**)	(-)	≤ 50	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
	f > 10 s		(-)	No	(-)	No
(**) The smoke production of samples 2 & 3 was calculated as given in § A.6.1.2 of EN 13823:2010+A1:2014 'Note' (p. 35). (2) Based on the results obtained in test report No. 17822B.						

(-) 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 and is based on the product standard EN 15102:2007+A1:2011.

b) Classification

The product '**Tapetex Wall Materials, woven textiles of animal fibres (silk, wool) on a paper backing of 70 % woodpulp reinforced with 30 % polyester and with a weight of approximately 330 g/m². Tested quality 66-1521.**' in relation to its reaction to fire behavior is classified as:

Fire behavior	Smoke production	Flaming droplets
B	s1	d0

c) Field of application

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

- Substrate: Euroclass A2-s1,d0 or better with a nominal thickness of at least 12 mm and a nominal density of at least 525 kg/m³
- Without air gap
- Fixing: glued onto the substrate using tapetex PRO-1 glue (200 g/m²)
- With or without closed vertical joints

This classification is valid for the following product parameters:

- Nominal thickness: 0,50 mm
- Surface mass: 330 g/m²
- Colour: White
- Surface structure: Rough-textured woven on the fire exposed side
- Use of fire retardants: No

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."

PREPARED BY

APPROVED BY

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