

Reaction to fire classification report No. 20209C

Owner of the classification report

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Introduction

This classification report defines the classification assigned to the product ***‘Tapetex woven textiles of cellulosic fibres (linen, cotton, viscose) on a backing of 70 % wood pulp reinforced with 30 % polyester. Tested quality: 68-2031.’*** in accordance with the procedures given in the standard EN 13501-1:2018: 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 and may only be used or reproduced in its entirety

1. DETAILS OF CLASSIFIED PRODUCT

a) General

The product ***Tapetex woven textiles of cellulosic fibres (linen, cotton, viscose) on a backing of 70 % wood pulp reinforced with 30 % polyester. Tested quality: 68-2031.*** 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) Product description

This description is based on information given by the sponsor.

Nominal values	
Tested product	
Type of product	Tapetex woven textiles of cellulosic fibers (linen, cotton, viscose) on a backing of 70% wood pulp reinforced with 30% polyester. Tested quality 68-2031.
Manufacturer	Tapetex B.V.
Total thickness (mm)	0,70
<i>Thickness backing (mm)</i>	0,20
<i>Thickness top layer (mm)</i>	0,50
Total surface mass (g/m ²)	570
<i>Surface mass backing (g/m²)</i>	90
<i>Surface mass top layer (g/m²)</i>	480
Use of fire retardants	No
Surface texture	Flat woven
Colour	White

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 and date
WFRGENT nv Ghent, Belgium	TAPETEX BV	20209A: 27/02/2020	EN ISO 11925-2:2010/AC:2011
WFRGENT nv Ghent, Belgium	TAPETEX BV	20209B: 24/02/2020	EN 13823:2010+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	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
<u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-)	Yes	(-)	Yes
(*) The material didn't melt nor pull away from the pilot burner. (1) Based on the results obtained in test report No. 20209A.						
EN 13823 (2)	FIGRA _{0,2 MJ} (W/s)	3	107	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		74	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		2,8	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)		11 (**)	(-)	≤ 30	(-)
	TSP _{600s} (m ²)		40 (**)	(-)	≤ 50	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
	f > 10 s		(-)	No	(-)	No
(**) Smoke values were corrected according to § A.6.1.2 of EN 13823:2010 'Note' (p.35). (2) Based on the results obtained in test report No. 20209B.						

(-) Not applicable.

3. CLASSIFICATION AND FIELD OF APPLICATION

a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

The related harmonized product standard is EN 15102:2007+A1:2011.

The recently published product standard EN 15102:2019 is not yet harmonized (mentioned in the official journal) and therefore not yet applicable for CE marking. For the reaction to fire performance, there are no substantial differences between EN 15102:2007+A1:2011 and EN 15102:2019.

b) Classification

The product ***Tapetex woven textiles of cellulosic fibres (linen, cotton, viscose) on a backing of 70 % wood pulp reinforced with 30 % polyester. Tested quality: 68-2031.*** 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 applications:

- 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 “Perfax Wandlijm Vinyl en Textiel” or any other starch and resin dispersion based (generic type) glue in an amount of 200 g/m². The glue 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: 0,70 mm
 - *Thickness backing: 0,20 mm*
 - *Thickness top layer: 0,50 mm*
- Nominal surface mass: 570 g/m²
 - *Surface mass backing: 90 mm*
 - *Surface mass top layer: 480 mm*
- Use of fire retardants: No
- Surface texture: Flat woven
- Colour: White

4. **RESTRICTIONS**

At the time the standard EN 13501-1:2018 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 harmonized standards and technical specifications.

5. WARNING

This classification report does not represent type approval or certification of the product.

The classification assigned to the product in this report is appropriate to a Declaration of Performance (DoP) by the manufacturer within the context of System 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products.

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 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.

PREPARED BY

APPROVED BY

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