warringtonfiregent
global safety

Reaction to fire classification report Nr 14953C

Owner of the classification report

TAPETEX BV
Churchilllaan 10
5705 BK Helmond
THE NETHERLANDS

Name of distributor

VESCOM BV
Sint-Jozefstraat 20
5750 AB Deurne
THE NETHERLANDS

Introduction

This classification report defines the classification assigned to the product **'Tapetex Wall Material one-layer nonwoven'** in accordance with the procedures given in the standard EN 13501-1+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** is defined as a 'wall covering nonwoven'.
Its classification is valid for the following end use application(s):
'Used as an interior, decorative wall covering'.

b) Description

General description		Wall paper one-layer nonwoven glued onto a gypsum board using a textile glue presented by the sponsor
Product reference of wall paper		LABREF L - 1110404
Overall wall paper thickness		0,50 mm
Manufacturer of wall paper		Tapetex bv
Overall wallcovering weight per unit area		330 g/m²
Batch reference of wall paper		L – 1110404
Range reference of wall paper		L – 63
Pattern reference of wall paper		L – 63
Colour reference of wall paper (as determined by warringtonfire)		Silver
Composition		Consists of a blend of cellulosic and polyester fibres
Coating	Generic type	EVA
	Name of manufacturer	Tapetex bv
	Application method	Screen
	Curing process	Hot air
	Flame retardant details	None
Print	Generic type	EVA / UV Ink
	Name of manufacturer	Tapetex bv
	Application method	Screen / Digital
	Curing process	Hot air / UV
	Flame retardant details	None
Adhesive	Product reference	Perfax
	Generic type	A vinyl and textile glue
	Name of manufacturer	Henkel
	Application rate	200 g/m^2
	Application method	Brush
	Flame retardant details	None
Substrate	Product reference	Gypsum plasterboard
	Generic type	Gypsum board with a 2mm thick coating of gypsum finish plaster
	Name of manufacturer	Gyproc
	Thickness	12,5 mm
	Density	700 kg/m³
	Flame retardant details	None

warringtonfiregent
global safety

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. Nr.	Test method
WFRGENT nv Ghent, Belgium	TAPETEX BV Helmond, The Netherlands	14953B	EN 13823 (February 2002)
WFRGENT nv Ghent, Belgium	TAPETEX BV Helmond, The Netherlands	14953A	EN ISO 11925-2 (February 2002)

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 (*) 30s flame application:						
Surface exposure	$F_s \leq 150$mm	6	(-)	Yes	(-)	Yes
- front side	Ignition filter paper		(-)	No	(-)	No
Edge exposure						
- front side	$F_s \leq 150$mm	6	(-)	Yes	(-)	Yes
	Ignition filter paper		(-)	No	(-)	No
EN 13823	FIGRA $_{0,2\,MJ}$ (W/s)	3	64	(-)	≤ 120	(-)
	FIGRA $_{0,4\,MJ}$ (W/s)		0	(-)	≤ 120	(-)
	$LFS_{<edge}$		(-)	Yes	(-)	Yes
	THR_{600s} (MJ)		1,1	(-)	≤ 7,5	(-)
	SMOGRA (m²/s²)		14	(-)	≤ 180	(-)
	TSP_{600s} (m²)		67	(-)	≤ 200	(-)
	Flaming droplets/particles					
	f<10s		(-)	No	(-)	No
	f>10s		(-)	No	(-)	No

(-) Not applicable

(*) The material did not melt nor pull away from the pilot burner.

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

a) Reference and direct field of application

This classification has been carried out in accordance with EN 13501-1+A1: 2009 and EN 15102: 2007.

b) Classification

The product **Tapetex Wall Material one-layer nonwoven** 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: Euroclass A2-s1, d0 or better with a nominal thickness of at least 12mm and a nominal density of at least 525 kg/m³
- Backing: Euroclass A2-s1, d0 or better with a nominal thickness of at least 9mm and a nominal density of at least 652,5 kg/m³
- Without a void
- Fixing: The wall paper is glued (200 g/m²) on the substrate.
- No joints

This classification is valid for the following product parameters:

- Nominal surface mass wall paper: 330 g/m²
- Colour: 'silver'

4. RESTRICTIONS

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

5. WARNING

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

The following statement is included in accordance with Fire Sector Group Recommendation 001rev2:

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 to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

Report	Name	Signature (*)	Date
Prepared by	ir. K. CATRY		25 MEI 2011
Reviewed by	dr. ir. B. SETTE		25 MEI 2011
(*) For and on behalf of "WFRGENT nv"			

EN 13501-1 B-C-D WG 3E*

This document is the original version of this classification report and is written in English.

This report may be used only literally and completely for publications. - For publications of certain texts, in which this report is mentioned, our permission must be obtained in advance.