

Additional reaction to fire classification report No. 12677J

Owner of the additional classification report

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Introduction

This additional classification report defines the classification assigned to the product '**Coala Walldesign NW**' in accordance with the procedures given in the standard EN 13501-1:2002: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

This additional classification report consists of 6 pages

This report is additional to that issued as no. 12677G dated 06/03/2007. This report is drafted in accordance with the regulations of EGOLF Agreement EGA 08rev:2012 "Application note: clause 5.10 / 4-2 – Amendment of reports: client changing product/company names (ii) for commercial reasons – Issue of additional reports". The original report remains valid and is not replaced by this report. The product has not been retested and this report does not involve technical changes or technical reviews of the original report. The original and the new name of the product and of the company commercially responsible for the product are documented by the laboratory and maintained in the laboratory records.

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product "**Coala Walldesign NW**" is defined as a 'decorative wall covering'.
Its classification is valid for the following end use application(s):
'Used for attaching onto walls or ceilings, by means of an adhesive'.

b) Description of the tested product

The product "**Coala Walldesign NW**" consists of a vinyl based wall covering with a non woven backing. The weight of the vinyl layer is 300 g/m². The weight of the non woven backing is 60 g/m².

	Nominal value
Mass per unit area (g/m ²)	360

Mounting: The product was glued onto a calcium silicate board (12,5 mm, 870 kg/m³) with BK10-PVA adhesive (200 g/m²).

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.	Test method
WFRGENT nv Ghent, Belgium	Known by the laboratory	12677D, 12677E, 12677F, 12564	EN 13823 (February 2002)
WFRGENT nv Ghent, Belgium	Known by the laboratory	12677A, 12677B, 12677C	EN ISO 11925-2 (February 2002)
WFRGENT nv Ghent, Belgium	Known by the laboratory	12677H	EXAP according to CEN/TS 15117 (August 2005)

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 No	(-) (-)	Yes No
	<u>Edge exposure</u> - front side	6	(-) (-)	Yes No	(-) (-)	Yes No
EN 13823 (2)	FIGRA _{0,2 MJ} (W/s)	3	14	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		1,2	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)		4	(-)	≤ 30	(-)
	TSP _{600s} (m ²)		49	(-)	≤ 50	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
f > 10 s	(-)	No	(-)	No		
EN ISO 11925-2 (*) (3) 30 s flame application: <u>Surface exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
	<u>Edge exposure</u> - front side	6	(-) (-)	Yes No	(-) (-)	Yes No
EN 13823 (4)	FIGRA _{0,2 MJ} (W/s)	3	10	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	(-)
	LFS _{<edge}		(-)	Yes	(-)	Yes
	THR _{600s} (MJ)		1,4	(-)	$\leq 7,5$	(-)
	SMOGRA (m ² /s ²)		0	(-)	≤ 30	(-)
	TSP _{600s} (m ²)		43	(-)	≤ 50	(-)
	Flaming droplets/particles f < 10 s		(-)	No	(-)	No
f > 10 s	(-)	No	(-)	No		

(-) Not applicable.

(*) The material didn't melt nor pull away from the pilot burner.

(1) Based on the results obtained in test report No. 12677A.

(2) Based on the results obtained in test report No. 12677D.

(3) Based on the results obtained in test report No. 12677B.

(4) Based on the results obtained in test report No. 12677E.

EN ISO 11925-2 (*) (5) 30 s flamerapplication: <u>Edge exposure</u> - front side	F _s ≤ 150 mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
EN 13823 (6)	FIGRA _{0,2 MJ} (W/s) FIGRA _{0,4 MJ} (W/s) LFS _{<edge} THR _{600s} (MJ) SMOGR _A (m ² /s ²) TSP _{600s} (m ²) Flaming droplets/particles f < 10 s f > 10 s	2	18 (-) (-) 1,2 6 48 (-) (-)	(-) (-) Yes (-) (-) (-) No No	≤ 120 (-) (-) (-) ≤ 7,5 ≤ 30 ≤ 50 (-) (-)	(-) (-) Yes (-) (-) (-) No No

(-) Not applicable.

(*) The material didn't melt nor pull away from the pilot burner.

(5) Based on the results obtained in test report No. 12677C.

(6) Based on the results obtained in test report No. 12677F and 12564.

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

a) Reference and direct field of application

This classification has been carried out in accordance with clause 10.6 of EN 13501-1: 2002 and prEN 15102: 2004.

b) Classification

The product "**Coala Walldesign NW**" 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:

- Glued on any backing with a fire performance of A2 or better with a density of equal to or greater than 870 kg/m³ and a thickness of equal to or greater than 11 mm.
- Without a void
- Fixing: glued with BK10-PVA adhesive (200 g/m²)
- With joints

This classification is valid for the following product parameters:

- Nominal mass per unit area: 360 g/m²
- All colours

4. RESTRICTIONS

At the time the standard EN 13501-1 (February 2002) 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.

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 13501-1:2002)


According to EN 13501-1:2002: 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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