

Additional reaction to fire classification report No. 12700H

Owner of the additional classification report

Antalis International
8 Rue de Seine
92517 Boulogne Billancourt Cedex
France

Introduction

This additional classification report defines the classification assigned to the product '**Coala Walldesign P**' in accordance with the procedures given in the standard EN 13501-1:2007: 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. 12700F, dated 25/04/2007. 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 P**" 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 P**" consists of a vinyl based wall covering with a paper backing. The weight of the vinyl layer (PVC) is 210 g/m². The weight of the paper backing is 90 g/m².

	Nominal value
Mass per unit area (g/m ²)	300

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	9634, 12700D, 12700E	EN 13823 (February 2002)
WFRGENT nv Ghent, Belgium	Known by the laboratory	12700A, 12700B, 12700C	EN ISO 11925-2 (February 2002)
WFRGENT nv Ghent, Belgium	Known by the laboratory	12700G	EXAP according to CEN/TS 15117 (August 2005)

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> - front side <u>Edge exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
	$F_s \leq 150$ mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
	FIGRA _{0,2 MJ} (W/s)	3	95	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	
LFS _{<edge}	(-)		Yes	(-)	Yes	
THR _{600s} (MJ)	1,5		(-)	$\leq 7,5$	(-)	
SMOGR _A (m ² /s ²)	18		(-)	≤ 180	(-)	
TSP _{600s} (m ²)	67		(-)	≤ 200	(-)	
Flaming droplets/particles f < 10 s f > 10 s	(-) (-)		No No	(-) (-)	No No	
EN ISO 11925-2 (*) (3) 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 No	(-) (-)	Yes No
	$F_s \leq 150$ mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
	FIGRA _{0,2 MJ} (W/s)	3	18	(-)	≤ 120	(-)
	FIGRA _{0,4 MJ} (W/s)		(-)	(-)	(-)	
LFS _{<edge}	(-)		Yes	(-)	Yes	
THR _{600s} (MJ)	1,8		(-)	$\leq 7,5$	(-)	
SMOGR _A (m ² /s ²)	7		(-)	≤ 180	(-)	
TSP _{600s} (m ²)	55		(-)	≤ 200	(-)	
Flaming droplets/particles f < 10 s f > 10 s	(-) (-)		No No	(-) (-)	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. 12700A.

(2) Based on the results obtained in test report No. 9634.

(3) Based on the results obtained in test report No. 12700B.

(4) Based on the results obtained in test report No. 12700D.

EN ISO 11925-2 (*) (5) 30 s flame application: <u>Edge exposure</u> - front side	$F_s \leq 150$ 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	15 (-) (-) 1,7 8 56 (-) (-)	(-) (-) Yes (-) (-) (-) No No	≤ 120 (-) (-) $\leq 7,5$ ≤ 180 ≤ 200 (-) (-)	(-) (-) 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. 12700C

(6) Based on the results obtained in test report No. 12700E

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: 2007 and prEN 15102: 2004.

b) Classification

The product "**Coala Walldesign P**" 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:

- 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: 300 g/m²
- All colours

4. **RESTRICTIONS**

At the time the standard EN 13501-1 (2007) 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 13501-1:2007)

According to EN 13501-1:2007: 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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