



le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT

Reaction to fire

REACTION TO FIRE CLASSIFICATION REPORT

No. RA08-0140

ACCORDING TO THE EUROPEAN STANDARD

NF EN 13501-1

Provided the Ordinance from the Ministry of the interior, November 21, 2002.

Pilot laboratory approved by the Ministry of the Interior (Ordinance of February 5, 1959, amended)

Seule la version française fait foi.

Only the French version is legally acceptable

Valid 5 years as from March 20th, 2008

Owner: C/S FRANCE
135 rue Edouard Isambard
27120 PACY SUR EURE
FRANCE

Commercial brand(s): ACROVYN

Brief description: Decorative wall covering
(see detailed description in paragraph 2)

Date of issue: March 20th, 2008

The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code and of the law dated June 3rd, 1994.

If this report is being issued by e-mail and/or on an electronic medium, only the hard copy of the report signed by CSTB shall prevail in the event of a dispute.

The reproduction of this classification report is only authorised in its integral form.

It comprises 4 pages.

CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT

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1. Introduction

This classification report defines the classification assigned to the above-mentioned product(s) in accordance with the procedures given in the NF EN 13501-1 standard.

2. Product description

Decorative wall covering tested glued on paper-faced gypsum plasterboard.

Plane and rigid sheet consisting of flame-retarded extruded polyvinyl chloride and mineral filler.

Nominal weight per unit area: 2.94 kg/m².

Nominal thickness: 2.0 mm.

Colours: various.

3. Tests reports and tests results in support of this classification

3.1 Tests reports

Name of laboratory	Name of sponsor	Test identification	Test report Nos.	Test method
CSTB	C/S FRANCE 135 rue Edouard Isambard 27120 PACY SUR EURE FRANCE	ES541070889	RA08-0140	EN ISO 11925-2 EN 13823

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 30s edge exposure	ACROVYN	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 30s surface exposure	ACROVYN	6	Fs > 150 mm Filter paper	Not reached Not ignited

3.2 Tests results (follow-up)

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	ACROVYN (applied with an acrylic glue)	3	FIGRA _{0.2MJ} (W/s)	89.2	-
			FIGRA _{0.4MJ} (W/s)	81.2	-
			LFS	-	Not reached
			THR _{600s} (MJ)	6.1	-
			SMOGRA(m ² /s ²)	58.5	-
			TSP _{600s} (m ²)	192.5	-
			Flaming droplets or debris	-	None

(-) means: not applicable

3.3 Additional test

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	ACROVYN (applied with a neoprene glue)	1	FIGRA _{0.2MJ} (W/s)	93.7	-
			FIGRA _{0.4MJ} (W/s)	93.7	-
			LFS	-	Not reached
			THR _{600s} (MJ)	4.3	-
			SMOGRA(m ² /s ²)	66.7	-
			TSP _{600s} (m ²)	163.0	-
			Flaming droplets or debris	-	None

(-) means: not applicable

4. Classification and direct field of application

4.1 Reference of the classification

This classification has been carried out in accordance with clauses 11.6, 11.9.3 and 11.10.1 of the NF EN 13501-1 standard.

4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
B	-	s2	,	d0

Classification: B - s2, d0

4.3 Field of application

This classification is valid for the following product parameters:

- A nominal thickness of 2.0 mm.
- A nominal weight per unit area of 2.94 kg/m².
- Colours: various.

This classification is valid for the following end use conditions:

- Glued on paper-faced gypsum plasterboard or any A1 or A2-s1,d0 class substrate with a density ≥ 700 kg/m³.
- Applied with an acrylic glue "UZIN KE 2000 S" (including an under-coat "UZIN PE 360" of about 50 g/m² wet) applied at a rate from 200 to 350 g/m² wet or with a neoprene glue "EMFICOL GEL" applied at a rate from 200 to 450 g/m² wet.

Champs-sur-Marne, March 20th, 2008

**The Technician
responsible for the test**



Olivier BRAULT

The Head of Reaction to Fire activity



Martial BONHOMME

.....END OF THE CLASSIFICATION REPORT