

File F090990 - Document CEMATE/24 - Page 1/5

**This document cancels and replaces the document referenced :
File F090990 – CEMATE/12 dated on 14 December 2005.**

EUROPEAN REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH EN 13501-1: 2002

Notified by the French State besides the European Commission under the N° 0071

Product standard :
EN 14716 : Suspended ceiling – Demands and test methods

N° F090990 - CEMATE/24

Sponsor : BARRISOL / NORMALU S.A.S.
Route du Sipes
68680 KEMBS
FRANCE

Commercial trademarks : BARRISOL Blanc Mat – BARRISOL Blanc Wight – BARRISOL Translucide

Brief description : Plastified PVC film with fire-retardants fillers.

Thickness : 17/100 mm $\pm$ 5 %.
Surfacic mass : (240 $\pm$ 15) g/m².

Date of the report : 03 January 2008.

The quoted results are only applicable to the samples, the products or materials described in this document.

**The full document can be copied.
It is composed of 5 pages**

1. INTRODUCTION

This classification report defines the classification assigned to product in accordance with the procedures given in EN 13501-1:2002.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. NATURE AND END USE APPLICATION

Plastified PVC film with fire-retardants fillers.

End use : Stretched ceilings.

2.2. DESCRIPTION

The tested product referenced are fully described in the test reports referenced File F090990 - Documents CEMATE/1 and CEMATE/2.

Main characteristics of tested products :

Commercial trademark	Surfacic mass	Thickness	Colours
Réf. 1000 - 1009.	240 g/m ²	17/100 mm	Blue Black White

Report to be followed on next page

3. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1. TEST REPORTS

Name of laboratory	Name of sponsor	Test report ref. n°	Test method
Laboratoire national de métrologie et d'essais 29 av. Roger Hennequin 78197 TRAPPES Cedex FRANCE Notified Body : 0071	BARRISOL / NORMALU S.A.S. Route du Sipes 68680 KEMBS FRANCE	F090990 : CEMATE/1 CEMATE/2	Ignability EN ISO 11925-2 : 2002 SBI test EN 13823 : 2002

3.2. TEST RESULTS FOR CONSTRUCTION PRODUCTS EXCEPT FLOORINGS

Test Method	Parameter	Number of tests	Results	
			Continuous parameters mean m	Compliance parameter
EN ISO 11925-2. Surface application. 30 s exposure	$F_s \leq 150 \text{ mm}$	6	—	YES
	Flaming droplets / particules with a filter paper ignition		—	NO
EN 13823 : 2002.	FIGRA _{0.2 MJ} (W/s)	3	5	-
	FIGRA _{0.4 MJ} (W/s)		5	-
	LFS < edge		—	YES
	THR _{600s} (MJ)		1,2	-
	SMOGRA (m ² /s ²)		38	-
	TSP _{600s} (m ²)		39	-
	Flaming droplets / particules:		—	NO
	FDP ($\leq 10 \text{ s}$)		—	—
	FDP ($> 10 \text{ s}$)		—	—

4. CLASSIFICATION AND DIRECT FIELD APPLICATION

4.1. CLASSIFICATION

The classification has been carried out in accordance with clause 10 of EN 13501-1 : 2002.

Fire behaviour	Smoke production	Flaming droplets
B	s2	d0

Classification : **B – s2, d0**

4.2. FIELD OF APPLICATION

The classification is valid for the following product parameters :

- plastified PVC foil with the same composition than the product presented,
- surfacic mass of the PVC foil : $(240 \pm 15) \text{ g/m}^2$,
- thickness of the PVC foil : $17/100 \text{ mm} \pm 5 \%$,
- various colours.

The classification is valid for the following end use conditions :

- without substrate,
- or with substrate classified A2 and a minimum airgap of 40 mm,
- kept under tension at its edges by a fastening system applying a minimum tensile force of 30 daN/m to the film.

Report to be followed on next page

5. LIMITATIONS

5.1. RESTRICTIONS CONCERNING THE VALIDITY PERIOD OF THE CLASSIFICATION REPORT

None.

5.2. WARNING

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

Trappes, the 03 January 2008

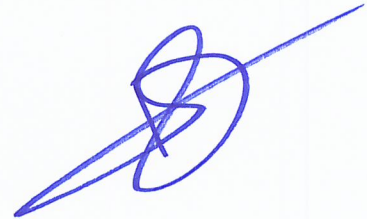
**The Head of the Fire
Behaviour Division**



Alain SAINRAT



The Responsible for test



Alexandre DERNIAUX