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**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° G020458 - CEMATE/8**

**Sponsor :** RENOLIT A.G.  
Horchheimer str. 50  
D-67547 WORMS  
ALLEMAGNE

**Commercial trademarks :** FEUILLE SOUPLE LAQUEE/MAT PLAFONDS - WF - OPAK

**Brief description :** Sheet made up PVC, plasticizers and stabilizing.

Thickness : 170 µm.  
Surfacic mass : 221 g/m<sup>2</sup>.

**Date of the report :** 27 April 2006

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**

Sheet made up PVC, plasticizers and stabilizing.

End use : Stretched ceilings.

**2.2. DESCRIPTION**

The tested product referenced are fully described in the test reports referenced File G020458 - Documents CEMATE/2 and CEMATE/4.

Main characteristics of tested products :

Commercial trademark	Surfacic mass	Thickness	Colours
FEUILLE SOUPLE LAQUEE/MAT PLAFONDS - WF - OPAK	221 g/m <sup>2</sup>	170 µm	Black White Translucent Red Beige

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	RENOLIT A.G. Horchheimer str. 50 D-67547 WORMS GERMANY	G020458 :	Ignability EN ISO 11925-2 : 2002
		CEMATE/2	
		CEMATE/4	SBI test EN 13823 : 2002

## 3.2. TEST RESULTS FOR CONSTRUCTION PRODUCTS EXCEPT FLOORINGS

Test Method	Parameter	Number of tests	Results	
			Continous parameters mean m	Compliance parameter
EN ISO 11925-2. Surface application. 30 s exposure	$F_s \leq 150$ mm	12	-	YES
	Flaming droplets / particules with a filter paper ignition		-	NO
EN 13823 : 2002.	FIGRA <sub>0.2 MJ</sub> (W/s)	5	1	-
	FIGRA <sub>0.4 MJ</sub> (W/s)		1	-
	LFS < edge		-	YES
	THR <sub>600s</sub> (MJ)		0,8	-
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )		31	-
	TSP <sub>600s</sub> (m <sup>2</sup> )		59	-
	Flaming droplets / particules:			
	FDP (≤10 s)		-	NO
	FDP (> 10 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>B</b>	<b>s2</b>	<b>d0</b>

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 sheet : 221 g/m<sup>2</sup>,
- thickness of the PVC sheet : 170 µm,
- 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 27 April 2006

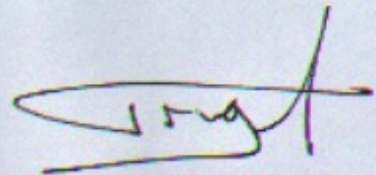
The Head of the Fire  
Behaviour Division



Alain SAINRAT



The technical manager



Romain FRIGOT