

TEST CLASSIFICATION RESULTS NOT FOR CE MARKING

LSF/13455/13456

for construction products excluding floorings  
According to procedures defined in

**EN 13501-1:2007**

Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests  
Table 1 - Classes of reaction to fire performance for construction products excluding floorings

REQUESTING COMPANY :

**SIRPI SpA**  
Via Grandi, 8  
I - 20068 PESCHIERA BORRAMEO (MI)

DENOMINATION OF THE MATERIAL :

**EC**

The product **EC** is defined as "Decorative wallcoverings – Roll and panel form products" according to EN 15102 : 2008

**Nature:** Decorative wallcovering made of woodpaste coated with PVC plastisol, coloured and embossed in various shape and colours with water based inks.

**Dimensions:** The size of the rolls is:

- Width: from 50 cm to 104 cm
- Length: from 8,20 m to 50,00 m

**Weigth:** from 300 g/m<sup>2</sup> to 400 g/m<sup>2</sup>.

**Components :**

- woodpaste: 120 g/m<sup>2</sup>.
- PVC plastisol containing filler for 13±1% of the total mass of wallcovering : from 180 g/m<sup>2</sup> to 280 g/m<sup>2</sup>.
- Water base inks : 5 g/m<sup>2</sup>.

**Production process:**

- coating of the woodpaste with PVC plastisol
- gravure printing and hot embossing
- rolling up in rolls and cutting in fixed length.

**Product use:** Decorative interior wallcovering.

**Laying:** gluing the decorative wallcovering on a substrate with a glue based on methylcellulose in water dispersion (1:35), used in quantity of 200 g/m<sup>2</sup>.

TEST METHODS APPLIED AND RESULTS OBTAINED :

Laboratory name	Requesting name	Test report ref. no.	Methods
LSF	SIRPI SpA	LSF / 13455 / 07	EN ISO 11925-2
LSF	SIRPI SpA	LSF / 13455 / 08	EN 13823
LSF	SIRPI SpA	LSF / 13456 / 07	EN ISO 11925-2
LSF	SIRPI SpA	LSF / 13456 / 08	EN 13823

This document is composed by n°3 pages and it can be reproduced only on the whole.  
Enclosure: documents supplied by Requesting Company.

Classification

**C – s2, d0**

Test method	Parameter	Tests number		Results			
				Continuous parameter -mean (m)		Compliance with parameters	
		13455	13456	13455	13456	13455	13456
EN ISO 11925-2 Face exposure Application time: 30s	$F_s \leq 150$ mm	6	6			yes	yes
	Ignition of the filter paper	6	6			no	no
EN ISO 11925-2 Edge exposure Application time: 30s	$F_s \leq 150$ mm	6	6			yes	yes
	Ignition of the filter paper	6	6			no	no
EN 13823	FIGRA0,2MJ (W/s)	3	3	214	168		
	FIGRA0,4MJ (W/s)	3	3	196	165		
	LFS < edge	3	3			yes	yes
	THR600s (MJ)	3	3	2.6	3.0		
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	3	3	13	21		
	TSP600s (m <sup>2</sup> )	3	3	67	83		
	Flaming droplets/particles	3	3			no	no

This classification was conducted in accordance to paragraph 11 of the test method EN 13501-1:2007

General Classification	<b>C</b>
Additional classification in relation to smoke production	<b>s2</b>
Additional classification in relation to flaming droplets / particles	<b>d0</b>

Field of Application

The classification is valid for the following end use application :

- gluing on plasterboard of class A2s1d0 or any other substrate of class A1 or A2s1d0
- for wallcovering having the same composition (120 g/m<sup>2</sup> of woodpaste and PVC coating between 180 to 280 g/m<sup>2</sup>), same type of ink but different colours, embossing and drawings

Remark

Document not issued for CE marking

Grandate, 28 - 07 - 2009

LSF President  
Head of Research Team  
**SILVIO MESSA**

Substitute Laboratory Director  
*Maddalena Pezzani*  
**MADDALENA PEZZANI**

This document is composed by n°3 pages and it can be reproduced only on the whole.  
Enclosure: documents supplied by Requesting Company.



Sampling identification code correspondence:

Test report n° 13455

12551



12552



12554

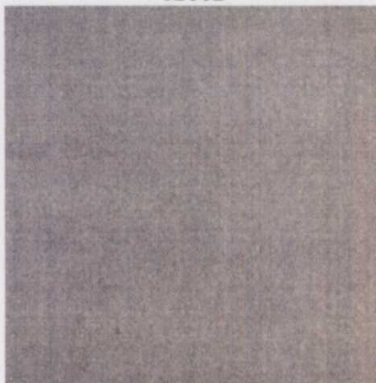


Test report n° 13456

12660



12662



99749

