

TEST CLASSIFICATION RESULTS NOT FOR CE MARKING

LSFIRE/01433

for construction products excluding floorings
According to procedures defined in

EN 13501-1:2009

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 BORROMEO (MI)

DENOMINATION OF THE MATERIAL :

EAC

The product **EAC** is defined as "Decorative wallcoverings – Roll and panel form products" according to EN 15102 : 2007

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

Dimensions: The size of the rolls is:

- Width: from 50 cm to 104 cm
- Length: from 8,2 m to 50,0 m

Weight: 440 g/m².

Components :

- woodpaste: 120 g/m².
- PVC plastisol: 320 g/m², containing mineral filler:
 - 4±0.5% of antimony trioxide of the total mass of wallcovering
 - 18±1% of butyl-benzyl-phthalate of the total mass of wallcovering
- water base inks : 5 g/m².

Production process:

- coating of the woodpaste with PVC plastisol
- gravure printing and hot embossing
- rolling up in rolls and cutting to standard measure.

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/m².



TEST METHODS APPLIED AND RESULTS OBTAINED :

Laboratory name	Requesting name	Test report ref. no.	Methods
LSFIRE	SIRPI SpA	LSFire / 01433 / 07	EN ISO 11925-2
LSFIRE	SIRPI SpA	LSFire / 01433 / 08	EN 13823

Classification**B – s2, d0**

Test method	Parameter	Tests number	Results	
			Continuous parameter - mean (m)	Compliance with parameters
EN ISO 11925-2 Face exposure Application time: 30s	$F_s \leq 150$ mm	6		yes
	Ignition of the filter paper	6		no
EN ISO 11925-2 Edge exposure Application time: 30s	$F_s \leq 150$ mm	6		yes
	Ignition of the filter paper	6		no
EN 13823	FIGRA0,2MJ (W/s)	3	91	
	FIGRA0,4MJ (W/s)	3	76	
	LFS < edge	3		yes
	THR600s (MJ)	3	2.3	
	SMOGRA (m ² /s ²)	3	84	
	TSP600s (m ²)	3	146	
	Flaming droplets/particles	3		no

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This classification was conducted in accordance to paragraph 11 of the test method EN 13501-1:2009

General Classification	B
Additional classification in relation to smoke production	s2
Additional classification in relation to flaming droplets / particles	d0

Field of Application

The classification is valid for the following end use application :

- gluing on plasterboard of class A2-s1,d0 or any other substrate of class A1 or A2-s1,d0
- for wallcovering having the same composition (120 g/m² of woodpaste and 320 g/m² of PVC coating), same type of ink but different colours, embossing and drawings

Remark

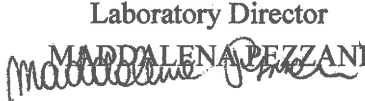
Document not issued for CE marking

Oltrona di S. Mamette, 16-05-2011

LSFire President
STEFANIA PIZZOLATO



Laboratory Director
MADDALENA PEZZANI



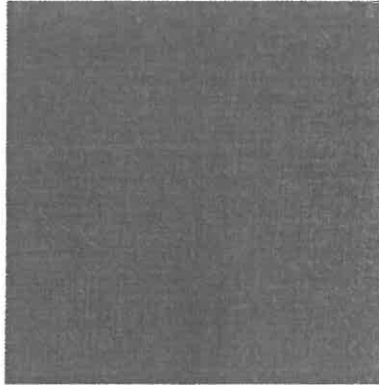
Sampling identification code correspondence:

Test report LSFire / 01433

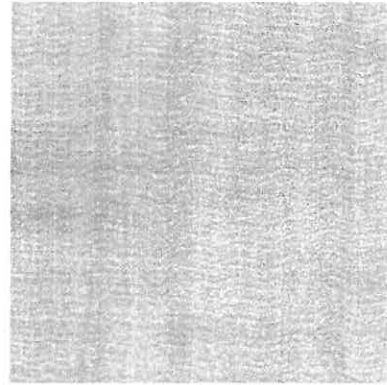
SN1



SN2



SN3



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A handwritten signature in dark ink, consisting of stylized, cursive letters.