



**Peschiera Borromeo, 05/11/2009**

The undersigned Mauro Jannelli, in his quality of Chairman of the Society SIRPI S.p.A.

**DECLARES**

- Main activity of SIRPI S.p.A. is production of “Decorative wallcoverings – Roll and panel form products” as described in EN 15102 : 2007
- According to a.m. standard, SIRPI S.p.A. produces a Decorative Wallcovering type named ‘ET’
- The company TEXDECOR is a customer of SIRPI S.p.A.
- The collection named ‘IROKO’ belongs to TEXDECOR
- Decorative Wallcoverings included in ‘IROKO’ are manufactured by SIRPI S.p.A. exclusively for TEXDECOR
- Decorative Wallcoverings included in ‘IROKO’ are manufactured by SIRPI S.p.A. according to its product type ‘ET’
- product type ‘ET’ has a Reaction to Fire classification of C-s2, d0 as declared on report LSF/13457/13458 issued according to EN 13501-1:2007 by L.S.F. – Fire Laboratories on 28/07/2009

All this assumed, Decorative Wallcoverings included in ‘IROKO’ collection have a Reaction to Fire classification as

**C-s2, d0**

DATE 05/11/2009

SIGNATURE  
  
SIRPI S.p.A.

TEST CLASSIFICATION RESULTS NOT FOR CE MARKING

LSF/13457/13458

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 :**ET**

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

**Nature:** Decorative wallcovering made of nonwoven fabric in polyester-cellulose 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

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

**Components :**

- Polyester - cellulose : 90 g/m<sup>2</sup>.
- PVC plastisol containing filler for 13±1% of the total mass of wallcovering : from 210 g/m<sup>2</sup> to 310 g/m<sup>2</sup>.
- Water based inks : 5 g/m<sup>2</sup>.

**Production process:**

- coating of the nonwoven polyester-cellulose fabric 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 / 13457 / 07	EN ISO 11925-2
LSF	SIRPI SpA	LSF / 13457 / 08	EN 13823
LSF	SIRPI SpA	LSF / 13458 / 07	EN ISO 11925-2
LSF	SIRPI SpA	LSF / 13458 / 08	EN 13823

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Enclosure: documents supplied by Requesting Company.

Classification

**C – s2, d0**

Test method	Parameter	Tests number		Results			
				Continuous parameter -mean (m)		Compliance with parameters	
		13457	13458	13457	13458	13457	13458
EN ISO 11925-2 Face exposure Application time: 30s	Fs ≤ 150 mm	6	6			yes	yes
	Ignition of the filter paper	6	6			no	no
EN ISO 11925-2 Edge exposure Application time: 30s	Fs ≤ 150 mm	6	6			yes	yes
	Ignition of the filter paper	6	6			no	no
EN 13823	FIGRA0,2MJ (W/s)	3	3	181	121		
	FIGRA0,4MJ (W/s)	3	3	149	119		
	LFS < edge	3	3			yes	yes
	THR600s (MJ)	3	3	2.5	2.6		
	SMOGRA (m <sup>2</sup> /s <sup>2</sup> )	3	3	19	23		
	TSP600s (m <sup>2</sup> )	3	3	86	106		
	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 (90 g/m<sup>2</sup> of nonwoven polyester fabric and PVC coating between 210 to 310 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

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