

**REACTION TO FIRE CLASSIFICATION REPORT**  
**No. RA10-0036**  
**ACCORDING TO THE EUROPEAN STANDARD**  
**NF EN 13501-1**

Provided the Ordinance from the Ministry of the interior, November 21, 2002.  
Pilot laboratory approved by the Ministry of the Interior (Ordinance of February 5, 1959, amended)  
Seule la version française fait foi.  
Only the French version is legally acceptable.

**Owner:** ARTE NV  
Industriezone « De Waerde »  
Senator A. Jeurissenlaan 1210  
3520 ZONHOVEN  
BELGIUM

**Commercial brand(s):** GROUP MOIRE TCS

**Brief description:** Decorative wallcovering  
(see detailed description in paragraph 2)

**Date of issue:** February 05<sup>th</sup>, 2010

The Indicated classification does not prejudge the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code and of the law dated June 3<sup>rd</sup>, 1994.

If this report is being issued by e-mail and/or on an electronic medium, only the hard copy of the report signed by CSTB shall prevail in the event of a dispute.

The reproduction of this classification report is only authorised in its integral form.  
It comprises 4 pages.

## **1. Introduction**

This classification report defines the classification assigned to the above-mentioned product(s) in accordance with the procedures given in the NF EN 13501-1 standard.

## **2. Product description**

Decorative wallcovering tested glued (starch glue) on A2-s1,d0 class fibre-cement substrate.  
Wallcovering consisting of a non-woven made of cellulose fibres, synthetic fibres and an acrylate binder, covered with a Trevira CS fabric.  
Overall nominal weight per unit area: 300 g/m<sup>2</sup>.  
Colours: various.

### 3. Tests reports and tests results in support of this classification

#### 3.1 Tests reports

Name of laboratory	Name of sponsor	Test identification	Test report Nos.	Test method
CSTB	ARTE NV Industriezone « De Waerde » Senator A. Jeurissenlaan 1210 3520 ZONHOVEN BELGIUM	ES541090219	RA10-0036	EN ISO 11925-2 EN 13823

#### 3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 30s surface exposure	GROUP MOIRE TCS	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 30s edge exposure	GROUP MOIRE TCS	6	Fs > 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	GROUP MOIRE TCS	3	FIGRA <sub>0.2MJ</sub> (W/s)	23.8	-
			FIGRA <sub>0.4MJ</sub> (W/s)	18.7	-
			LFS	-	Not reached
			THR <sub>600s</sub> (MJ)	1.4	-
			SMOGR <sub>A</sub> (m <sup>2</sup> /s <sup>2</sup> )	0.0	-
			TSP <sub>600s</sub> (m <sup>2</sup> )	18.9	-
			Flaming droplets or debris	-	None

(-) means: not applicable

#### 4. Classification and direct field of application

##### 4.1 Reference of the classification

This classification has been carried out in accordance with clauses 11.6, 11.9.2 and 11.10.1 of the NF EN 13501-1 standard.

##### 4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
<b>B</b>	-	<b>s1</b>	,	<b>d0</b>

**Classification: B - s1, d0**

##### 4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- An overall nominal weight per unit area of 300 g/m<sup>2</sup>.
- Various colours.

This classification is valid for the following end use conditions:

- The glued product (starch glue) on any non-metal A1 or A2-s1,d0 class substrate with a density  $\geq 1600$  kg/m<sup>3</sup> (except paper-faced gypsum plasterboard).

Champs-sur-Marne, February 05<sup>th</sup>, 2010

**The Technician  
Responsible for the test**



**Maxime BAUER**

**The Head of Reaction to Fire  
laboratory**



**Gildas CREACH**

.....END OF THE CLASSIFICATION REPORT