

REACTION TO FIRE CLASSIFICATION REPORT No. RA11-0120 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.**

Valid 5 years from May 6th, 2011

Owner: **FILC d.d. Menges
Slovenska 40
1234 MENGES
SLOVENIA**

Commercial brand(s): **DRIPSTOP 95
DRIPSTOP 110**

Brief description: **100 % non-woven polyester fibres
(see detailed description in paragraph 2)**

Date of issue: **May 6th, 2011**

The indicated classification does not prejudice 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 3rd, 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

Non-woven made of 100 % polyester fibres tested glued (hot-melt glue) on A1 class precoated steel sheet substrate.

Nominal characteristics of the precoated steel sheet:

- Thickness: 0.6 mm
- Polyester paint with a maximum thickness of 35 µm on the top side.
- Polyester paint with a maximum thickness of 15 µm on the back side.

The non-woven is glued on the back side.

Nominal thicknesses of the provided products: 0.85 mm (DR!PSTOP 95) and 0.99 mm (DR!PSTOP 110).
Nominal weights per unit area of the provided products: 95 g/m² (DR!PSTOP 95) and 110 g/m² (DR!PSTOP 110).

Nominal quantity of hot-melt glue: 19 g/m².

Colour: grey.

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	FILC d.d. Menges Slovenska 40 1234 MENGES SLOVENIA	ES541100234	RA11-0120	EN 13823 EN ISO 1716
ZAG (Slovenia)		-	P 684/07-530-1 P 684/07-530-2	EN ISO 1716
CSTB	I-R&D ARCELOR FCSE Centre Industrie liège SSDC / Metalwoking Bld de Colonster, B57 4000 LIEGE BELGIUM	ES541051109	RA07-0494	EN 13823 EN ISO 1716

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	DR!PSTOP 110	3	FIGRA _{0.2MJ} (W/s)	95.2	-
			FIGRA _{0.4MJ} (W/s)	11.3	-
			LFS	-	Not reached
			THR _{600s} (MJ)	0.9	-
			SMOGRA(m ² /s ²)	3.3	-
			TSP _{600s} (m ²)	30.5	-
			Flaming droplets or debris	-	None
EN 13823	DR!PSTOP 95	1	FIGRA _{0.2MJ} (W/s)	60.8	-
			FIGRA _{0.4MJ} (W/s)	0.0	-
			LFS	-	Not reached
			THR _{600s} (MJ)	0.9	-
			SMOGRA(m ² /s ²)	0.0	-
			TSP _{600s} (m ²)	31.8	-
			Flaming droplets or debris	-	None
EN ISO 1716	External non substantial components top side (primer + finish)	3 (per component)	PCS (MJ/m ²)	1.1	-
	External non substantial components back side (non-woven + glue + backing)		PCS (MJ/m ²)	3.5	-
	Product on its whole (worst case)	-	PCS (MJ/kg)	0.9	-

(-) 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 11.7.3, 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
A2	-	s1	,	d0

Classification: A2 - s1, d0

4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- A range of nominal weights per unit area of the non-woven from 95 to 110 g/m².
- A range of nominal thicknesses of the non-woven from 0.85 to 0.99 mm.
- A grey colour.

This classification is valid for the following end use conditions:

- The product glued (hot-melt glue) on A1 class precoated steel sheet (maximum thicknesses of polyester finish of 35 µm and of polyester backcoat of 15 µm) with a thickness of 0.6 mm.
- With or without air gap behind the precoated steel sheet.

Champs-sur-Marne, May 6th, 2011

**The Technician
responsible for the test**



Maxime BAUER

**The Head of Reaction to Fire
laboratory**



Gildas CREACH

.....END OF THE CLASSIFICATION REPORT