

REACTION TO FIRE CLASSIFICATION REPORT No. RA11-0067 ACCORDING TO THE EUROPEAN STANDARD NF EN 13501-1

Notification by the French Government to the European Commission under no 0679.
Seule la version française fait foi.
The french version is legally acceptable

Product standard

ETAG n°026: "Fire stopping and fire sealing products"

Owner:	DOW CORNING EUROPE SA Rue Jules Bordet Parc Industriel Zone C 7180 SENEFFE BELGIUM
Commercial brand(s):	FIRESTOP 700
Manufacturing unit(s):	DOW CORNING EUROPE SA Rue Jules Bordet Parc Industriel Zone C 7180 SENEFFE BELGIUM
Brief description:	Mastic for linear joint or for penetration seal (see detailed description in paragraph 2)
Date of issue:	March 09th, 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

Mastic for linear joint or for penetration seal.

Mastic made of silicon and mineral fillers, tested applied to A2-s1,d0 class paper-faced gypsum plasterboard substrate.

Nominal thickness: from 10 to 15 mm.

Nominal density: 1500 kg/m³.

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	DOW CORNING EUROPE SA Rue Jules Bordet Parc Industriel Zone C 7180 SENEFFE BELGIUM	ES541100714	RA11-0067	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	FIRESTOP 700	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 30s edge exposure	FIRESTOP 700	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	FIRESTOP 700	3	FIGRA _{0.2MJ} (W/s)	45.3	-
			FIGRA _{0.4MJ} (W/s)	44.4	-
			LFS	-	Not reached
			THR _{600s} (MJ)	4.9	-
			SMOGRA(m ² /s ²)	10.6	-
			TSP _{600s} (m ²)	103.8	-
			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, 11.9.3 and 11.10.1 of the NF EN 13501-1 standard.

4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
B	-	s2	,	d0

Classification: B - s2, d0

4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- A nominal thickness of 10 to 15 mm.
- A nominal density of 1500 kg/m³.
- A grey colour.

This classification is valid for the following end use conditions:

- Product applied to any A1 or A2-s1,d0 class non-metal substrate with a density ≥ 700 kg/m³.

Champs-sur-Marne, March 09th, 2011

**The Technician
Responsible for the test**



Olivier BRAULT

**The Head of Reaction to Fire
laboratory**



Gildas CREACH

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