

REACTION TO FIRE CLASSIFICATION REPORT No. RA15-0104 ACCORDING TO THE EUROPEAN STANDARD NF EN 13501-1+A1:2013

Notification by the French Government to the European Commission under no. 0679

Seule la version française fait foi
The French version is legally acceptable

Valid 5 years from May 22nd, 2015

Product standards

NF EN 14782:2006 "Self-supporting metal sheet for roofing, external cladding and internal lining - Product specification and requirements"

NF EN 14783:2013 "Fully supported metal sheet and strip for roofing, external cladding and internal lining - Product specification and requirements"

Owner:	AC&CS Quartier Polytech 3 Allée de l'Innovation 1 4000 LIEGE BELGIUM
Commercial brand(s):	Granite® Rain HDS
Manufacturing unit(s):	The manufacturing unit appears in the associated tests report
Brief description:	Metal sheets (see detailed description in paragraph 2)
Date of issue:	May 22nd, 2015

This classification report certifies only the characteristics of the object submitted for testing but does not prejudge the characteristics of similar products. So it does not constitute a product certification in the sense of Articles L 115-27 to L 115-33 and R 115-1 to R 115-3 of the Consumer Code.

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 3 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+A1:2013 standard.

2. Product description

Steel sheet coated on both sides with a polyester resin-based primer (15 µm thick) and a polyester resin-based finishing paint (20 µm thick).
Nominal thickness of the steel sheet: 0.55 mm.
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 No.	Test method
CSTB	AC&CS Quartier Polytech 3 Allée de l'Innovation 1 4000 LIEGE BELGIUM	ES541140667	RA15-0104	NF EN 13823:2002 NF EN ISO 1716:2002

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters Mean values	Compliance parameters
NF EN 13823	Granite® Rain HDS	3	FIGRA _{0.2MJ} (W/s)	0.0	-
			FIGRA _{0.4MJ} (W/s)	0.0	-
			LFS	-	Not reached
			THR _{600s} (MJ)	0.3	-
			SMOGRA(m ² /s ²)	0.0	-
			TSP _{600s} (m ²)	26.6	-
			Flaming droplets or debris	-	None
NF EN ISO 1716	External non substantial component (primer + finish on both sides)	3 (per component)	QPCS (MJ/m ²)	1.3	-
	Whole product (worst case)	-	QPCS (MJ/kg)	0.6	-

(-) 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 11.8.2 of the NF EN 13501-1+A1:2013 standard.

4.2 Classification

Fire behaviour
A1

Classification: A1

4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- Any coating of the same type and with a Gross Heat of Combustion per unit area $\leq 1.3 \text{ MJ/m}^2$ (for both sides).
- A nominal thickness of steel sheet $\geq 0.55 \text{ mm}$.
- Various colours.

This classification is valid for the following end use conditions:

- Without substrate or with any A1 or A2-s1,d0 class substrate with a density $\geq 652 \text{ kg/m}^3$.
- With an air gap $\geq 80 \text{ mm}$.

5. Limitations

The present document does not represent type approval or certification of the product.

Champs-sur-Marne, May 22nd, 2015

The Report Writer



Olivier BRAULT

The Head of Reaction to Fire Unit



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