LNE REPORT OF 2020-08-24th
File P202896

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH NF EN 13501-1+A1 : 2013

And the French modified Arrêté, dated 21 November 2002, concerning the reaction ti fire of construction and fitting-out products

Sponsor :	Laboratoire national de métrologie et d'essais Laboratoire de Trappes 29 avenue Roger Hennequin 78197 TRAPPES CEDEX
Product Name :	ISOL FINISH
Classification report No :	P202896
Issue number :	DEC/4
Date validity :	5 years as from 2020-08-24th

Introduction :

The product ISOL FINISH is defined as a material based on rock fiber and inorganix binder with foaming agent and water.

Product description :

Trade Mark	ISOL FINISH
Summary composition	Homogeneous material composed of rock fiber inorganis binders, foaming agent and water
Density	+/- 100 kg/m^3
Colour	White
Fire proofing – Yes or No	Fireproofed in the mass
End use condition	Aesthetic repair

TEST REPORT & TEST RESULTS IN SUPPORT OF CLASSIFICATION

- **TEST REPORT**

Labotory nam	Test report No	Test method
LNE	P202896-DEC/2	NF EN ISO 1716 (2013)
LNE	P202896-DEC/3	NF EN ISO 1182 (2013)

- **TEST RESULTS**

Test method	Product (factory)	Number of tests	Parameters	Results	
				Continuous parameter Average (m)	Conformity parameters
NF EN ISO 1716	ISOL FINISH	3	PCS (MJ/kg)	0.76	-
NF EN ISO 1182	ISOL FINISH	5	ΔT (°C)	1.8	-
			ΔT (%)	5.4	-
			Tf	0	-

(-) means : no applicable

All the tests reported above have been carried out by an accresdited laboratory in agreement with the requirements of EN ISO 17025 standard

CLASSIFICATION AND FIELD OF APPLICATION

REFERENCE OF CLASSIFICATION
This classification has been carried out in accordance with NF EN 13501-1+A1 : 2013

CLASSIFICATION
The product ISOL FINISH in relation to its reaction to fire behaviour is classified :

A1

The additional classification in relation to smoke production is :

-

The additional classification in relation to flaming droplets particles is :

-

The format of the reaction to fire classification for construction products excluding flooring and linear pipe thermal insulation products is :

Fire behaviour	Smoke production	Flaming droplets
A1	**-**	**-**

That is to say / i.e., A1 --,-

Reaction to fire Classification	A1

To state the classification, the uncertainty associated with the result has not been explicitly taken into account.

FIELD OF APPLICATION

This classification is valid for the following product parameters.

- The classification is valid for the products mentioned previously or strictly stipulated in the quoted production site
- All thicknesses

LIMITATIONS

This classification document does not represent type approval or certification of the product

TESTS REPORT of 2020/07/20th
File P202896

Quotation reference :	20120/7608 from 2020/07/1st
LNE order n° :	1188394 of 2020/07/20th
Subject :	Determination of thermal conductivity
Type of product :	Sprayed mineral wool/binder products
Reference documents :	Normes NF EN12667 :2001 et ISO 8301 :1991

1 SAMPLE IDENTIFICATION

The applicant sent to the « Laboratoire National de métrologie et d'Essais » a panel of Sprayed mineral wool/binder products, july 20th 2020.

Product name	Specimen reference	Length x width (mm)	Weight (g)	Density (kg/m^3)
ISOL FINISH	P2028896	600 x 600	1078	92,2

Table n°1 : Sample identification

2 MEASUREMENT CONDITIONS AND RESULTS

Measurement of thermal conductivity was carried out in accordance with the international standards NF EN 12667 et ISO 8301 with a heat flow meter. This apparatus operates a temperature difference of 15°C.

Sample	Date measurement	Thickness (mm)	Average temperature (°C)	Thermal resistance (m^2.K/W)	Thermal conductivity (mW/(m.K))
P2028896-R1	11/08/2020	32,5	10,2	0,909	**35,7**

Table n°2 : Measurement of thermal resistance