

REACTION TO FIRE CLASSIFICATION REPORT

No. RA08-0325

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

NF EN 13813: Screed material – Properties and requirements

Owner:

GEZOLAN AG
Werkstrasse 30
6252 DAGMERSELLEN
SWITZERLAND

Commercial brand(s):

GEZOLASTIC EPDM FL
GEZOLASTIC EPDM

Brief description:

Polyurethane floor covering
(see detailed description in paragraph 2)

Date of issue:

May 07th, 2009

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 5 pages.

Modification of the commercial brands and the owner coordinates.

The document no. RA08-0325 dated May 07th, 2009 cancels and replaces the document no. RA08-0325 dated July 25th, 2008.

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

Polyurethane floor coverings tested poured over an A2_{fl}-s1 fibre-cement substrate.
Floor coverings consisting of:

GEZOLASTIC EPDM FL

- A primary layer made of polyurethane resin (CONIPUR 70 for bituminous substrate or CONIPUR 74 for fibre-cement substrate) applied at the rate of 150 g/m².
- An EPDM FL layer consisting of a mixture made of polyurethane resin referenced CONIPUR 322 applied at the rate of 2.4 kg/m² and GEZOFLEX EPDM FL granulates (flame-retarded version) applied at the rate of 12.5 kg/m².

GEZOLASTIC EPDM

- A primary layer made of polyurethane resin (CONIPUR 70 for bituminous substrate or CONIPUR 74 for fibre-cement substrate) applied at the rate of 150 g/m².
- An EPDM FL layer consisting of a mixture made of polyurethane resin referenced CONIPUR 322 applied at the rate of 2.4 kg/m² and GEZOFLEX EPDM granulates (non flame-retarded version) applied at the rate of 12.5 kg/m².

Nominal thickness: about 13 mm (for both systems).

Overall applied quantity: about 15 kg/m² (for both systems).

Tested colour: blue.

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	GEZOLAN AG Werkstrasse 30 6252 DAGMERSELLEN SWITZERLAND	ES541070913	RA08-0325	EN ISO 11925-2 EN ISO 9239-1

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 Surface exposure - 15 seconds	GEZOLASTIC EPDM	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 Surface exposure - 15 seconds	GEZOLASTIC EPDM FL	6	Fs > 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	GEZOLASTIC EPDM	3	Critical flux (kW/m ²) Smoke (%.min)	4.09 181
	GEZOLASTIC EPDM FL	3	Critical flux (kW/m ²) Smoke (%.min)	7.52 50

4. Classification and direct field of application

4.1 Reference of the classification

This classification has been carried out in accordance with clause(s) 12.4 and 12.9.2 of the NF EN 13501-1 standard.

4.2 Classification for the GEZOLASTIC EPDM version

Fire behaviour		Smoke production
D_{fl}	-	s1

Classification: D_{fl} - s1

4.3 Field of application

This classification is valid for the following product parameters:

- A thickness of about 13 mm.
- An applied quantity of about 15 kg/m².
- For the GEZOLASTIC EPDM version.

This classification is valid for the following end use conditions:

- Poured over any A2_{fl}-s1 or A1_{fl} class substrate with a density ≥ 1200 kg/m³.

5. Classification and direct field of application

5.1 Reference of the classification

This classification has been carried out in accordance with clause(s) 12.5 and 12.9.2 of the NF EN 13501-1 standard.

5.2 Classification for the GEZOLASTIC EPDM FL version

Fire behaviour		Smoke production
C_{fi}	-	s1

Classification: C_{fi} - s1

5.3 Field of application

This classification is valid for the following product parameters:

- A thickness of about 13 mm.
- An applied quantity of about 15 kg/m².
- For the GEZOLASTIC EPDM FL version.

This classification is valid for the following end use conditions:

- Poured over any A2_{fi}-s1 or A1_{fi} class substrate with a density ≥ 1200 kg/m³.

Champs-sur-Marne, May 07th, 2009

The Head of Reaction to Fire activity



Martial BONHOMME

.....END OF THE CLASSIFICATION REPORT