



Reaction to Fire Classification Report

Product group:

2005-06-30

File No.: PC10057

Serial No.: 10152

Ref: CAH/DB

Encl.: 0

Densit screed materials

Densit A/S
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Danish Institute of Fire and Security Technology



Notified Body with identification
number 0845
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1 SPONSOR

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2 INTRODUCTION

This classification report defines the classification assigned to the following product group in accordance with the procedures given in EN 13501-1:2002.

3 DETAILS OF CLASSIFIED PRODUCT GROUP

3.1 NATURE AND END USE APPLICATION

The product group, Densit screed materials, is defined as (cementitious) screed materials according to EN 13813:2002. Screed material and floor screeds – Screed material – Properties and requirements

3.2 DESCRIPTION

The product group, Densit screed materials, is listed in enclosure No. 1. Further product specifications are known to DIFT and are filed under the above file number.

4 TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1 TEST REPORTS

Name of laboratory	Name of sponsor	Test report ref. No	Test method	Date of test
DIFT	Densit A/S	PF11942a PF11942	EN ISO 1182 EN ISO 1716	2005-05-23

The samples were received on 2005-03-29



4.2 TEST RESULTS

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 1182	ΔT (°C)	5	5	(-)
	Δm (%)	5	6.9	(-)
	t_f (s)	5	0	(-)
EN ISO 1716	PCS (MJ/kg)	3	~0	(-)
(-) not applicable				

5 CLASSIFICATION AND FIELD OF APPLICATION

5.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11.8 of EN 13501-1:2002.

5.2 CLASSIFICATION

The product group, Densit screed materials, in relation to its reaction to fire behaviour is classified:

A1_{fl}

5.3 FIELD OF APPLICATION

This classification is valid for any end use condition.

This classification is also valid for the following product parameters:

- Colour: Grey, white and coloured
- Densities: Variation in densities allowed as stated for the individual products in enclosure No.1.

6 LIMITATIONS

6.1 RESTRICTIONS

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

The following statement is included in accordance with Fire Sector Group Recommendation 001rev2.

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

The manufacturer has made a declaration, which is held on file. This confirms that the product’s design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at en-



flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

Dan Bluhme
Head of Department

/

Charlotte Hellensberg
Laboratory Technician



Enclosure 1

Product group; Densit screed materials.

Product name	Density kg/m ³	Colour
Densiphalt	2160-2270	Grey, white, coloured
Densitop Basic	2300-2500	Grey, white, coloured
Densitop ST	2550-2700	Grey, white, coloured
Densitop ST-Q	2450-2650	Grey, white, coloured
Densitop MT	2300-2500	Grey, white, coloured
Densitop LT	2400-2600	Grey, white, coloured