

Reaction to Fire Classification Report

Divina 3, 100 % new wool (curry-yellow)

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Denmark

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Danish Institute of Fire and Security Technology



1 SPONSOR

Kvadrat A/S
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2 INTRODUCTION

This classification report defines the classification assigned to the product "Divina 3" in accordance with the procedures given in EN 13501-1:2007 +A1:2009.

3 DETAILS OF CLASSIFIED PRODUCT

3.1 GENERAL

The product is defined as a wall surface finish material for internal use.

3.2 PRODUCT DESCRIPTION

The product is fully described in the test report in support of the classification listed in 4.1.

4 REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1 REPORT

Name of laboratory	Name of sponsor	Test report ref. No	Test methods	Date of tests
DBI	Kvadrat A/S	PFA10065	EN 13823 EN ISO 11925-2	2011-10-06 2011-11-02

The samples were received on 2011-09-02.

4.2 TEST RESULTS

Test methods	Parameter	Number of tests ^a	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN 13823	FIGRA _{0.2 MJ} (W/S)	3	(-)	(-)
	FIGRA _{0.4 MJ} (W/S)	3	202	(-)
	LFS < edge	3	(-)	Y
	THR _{600s} (MJ)	3	2.0	(-)
	SMOGRA (m ² /s ²)	3	0	(-)
	TSP _{600s} (m ²)	3	43	(-)
	FDP _{f<10s}	3	(-)	Y
	FDP _{f>10s}	3	(-)	Y
EN ISO 11925-2				
Surface flame attack, 30 s exposure	F _s ≤ 150 mm within 60 s.	6	(-)	Y (all)
Edge flame attack, 30 s exposure	F _s ≤ 150 mm within 60 s	6		
a Not for extended application (-) Not applicable Y Yes				

5 CLASSIFICATION AND FIELD OF APPLICATION

5.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11.5, 11.9 and 11.10 of EN 13501-1:2007 +A1:2009.

5.2 CLASSIFICATION

The product, Divina 3, in relation to its reaction to fire behaviour is classified: C

The additional classification in relation to smoke production is: s1

The additional classification in relation to flaming droplets/particles is: d0

The reaction to fire classification for the product is: **C-s1,d0**

5.3 FIELD OF APPLICATION

This classification is valid for the following end use conditions:

- any substrates of classes A1 and A2-s1,d0 with density equal to or greater than 652.5 kg/m³,
- with the product glued to the substrate with 220 g/m² SikaBond[®]-530 or less,
- only with the colour "curry-yellow".

5.4 COMMENTARY ON MATERIAL CLASSIFICATION

In accordance with DBI Method No. FIRE01 "Testing and classification for reaction to fire properties on material related level", December 2007 the product is classified for the tested thickness, colour and amount of glue as: **Material class C-s1,d0**.

6 LIMITATIONS

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



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