

Reaction to Fire Classification Report

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

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Lundbergsvej 10
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Denmark

File: PCA10021
Serial No.: 13194
Ref.: MPA/DB
Encl.: 0

Date: 2011-11-07

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1 SPONSOR

Kvadrat A/S
Lundbergsvej 10
DK-8400 Ebeltoft
Denmark

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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