

First Additional Reaction to fire classification report No. 15786C

Owner of the classification report

MUYLLE FACON nv
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Introduction

This classification report defines the classification assigned to the floor covering '**Rubio Monocoat FR SYSTEM**' in accordance with the procedures given in the standard EN 13501-1+A1: 2009: Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests.

This classification report consists of 5 pages

1. DETAILS OF CLASSIFIED PRODUCT

a) Nature and end use application

The product **Rubio Monocoat FR SYSTEM** is defined as a '**protective (hardwaxoil) finishing for parquet**'.

Its classification is valid for the following end use application(s):

Used as floor covering in interior applications.

b) Description

| | | Nominal values |
|--|--|----------------------|
| MULTI-LAYERED PARQUET | | |
| Total thickness (mm) | | 19,5 (after sanding) |
| Total surface mass (g/m ²) | | 14500 |
| BASE LAYER | | |
| Material | | Birch multiply |
| Thickness (mm) | | 14 |
| Density (kg/m ³) | | 700 +/- 15 |
| TOP LAYER | | |
| Material | | Massive oak |
| Thickness (mm) | | 5 (after sanding) |
| Density (kg/m ³) | | 750 +/- 25 |
| BONDING METHOD BETWEEN BASE AND TOP LAYER | | |
| Glue | | PVA glue |
| Amount (g/m ²) | | 200 |
| FINISHING LAYER 1 | | |
| Product | | RMC FR Base |
| Manufacturer | | Muyllé Façon nv |
| Application method | | Roll |
| Applied amount (g/m ²) | | 35 +/- 5 |
| Active product (g/m ²) | | 35 +/- 5 |
| Colour | | Colourless |
| FINISHING LAYER 2 | | |
| Product | | RMC FR Oil |
| Manufacturer | | Muyllé Façon nv |
| Application method | | Roll + Polishing |
| Applied amount (g/m ²) | | 16 +/- 2 |
| Active product (g/m ²) | | 16 +/- 2 |
| Colour | | Colourless |

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

a) Test reports

| Name of the laboratory | Name of the sponsor | Test report ref. no. | Test method |
|------------------------------|------------------------------------|----------------------|-------------------------------|
| WFRGENT nv Ghent, Belgium | Muylla Facon nv Izegem, Belgium | 15786B | EN ISO 9239-1 (June 2010) |
| WFRGENT nv Ghent, Belgium | Muylla Facon nv Izegem, Belgium | 15786A | EN ISO 11925-2 (June 2010) |

b) Test results

| Test method | Parameter | Number of tests | Results | | Criteria for Class B _n -s1 | |
|---|------------------------------------|-----------------|---------------------------|----------------------|---------------------------------------|----------------------|
| | | | Continuous parameter Mean | Compliance parameter | Continuous parameter | Compliance parameter |
| EN ISO 11925-2 (*) (1) 15s flame application: <u>surface exposure</u> - front side | F _s ≤ 150mm | 6 | (-) | Yes | (-) | Yes |
| | Ignition filter paper | | (-) | No | (-) | No |
| EN ISO 9239-1 (2) | Critical flux (kW/m ²) | 3 | 8,2 | (-) | ≥ 8,0 | (-) |
| | Smoke attenuation (% min) | | 3 | (-) | ≤ 750 | (-) |

(-) Not applicable

(*) The material did not melt nor pull away from the pilot burner.

(1) Based on the results obtained in test report No. 15786A

(2) Based on the results obtained in test report No. 15786B

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

a) Reference and direct field of application

This classification has been carried out in accordance with EN 13501-1+A1: 2009 and GNB-CPD SH02 (10/07/2006).

b) Classification

The product **Rubio Monocoat FR SYSTEM** in relation to its reaction to fire behavior is classified as:

| Fire behavior | Smoke production |
|-----------------------|------------------|
| B_{fl} | s1 |

c) Field of application

This classification for the product as described in §1b, is valid for the following end use conditions:

- Substrate: Euroclass A2-s1,d0 or better with a nominal thickness of at least 6mm and a nominal density of at least 1350 kg/m³
- Without a void
- Fixing: Loosely placed onto the substrate
- With or without joints length- or crosswise

This classification is valid for the following product parameters:

| | |
|---|---|
| Total product | |
| Nominal thickness: 19,5mm (after sanding) | Nominal surface mass: 14500 g/m ² |
| Base layer: Birch multiply | |
| Nominal thickness: 14mm | Nominal density: 700 +/- 15 kg/m ³ |
| Top layer: Massive oak | |
| Nominal thickness: 5mm | Nominal density: 750 +/- 25 kg/m ³ |
| Bonding method: PVA glue | |
| Amount: 200 g/m ² | |
| Finishing layer 1: RMC FR Base | |
| Application method: Roll | Applied amount: 35 +/- 5 g/m ² |
| Active product: 35 +/- 5 g/m ² | |
| Finishing layer 2: RMC FR Oil | |
| Application method: Roll + Polishing | Applied amount: 16 +/- 2 g/m ² |
| Active product: 16 +/- 2 g/m ² | |

4. RESTRICTIONS

At the time the standard EN 13501-1+A1:2009 was published, no decision was made concerning the duration of validity of a classification report.


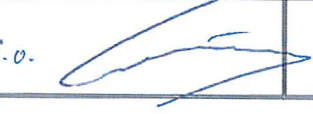
5. WARNING

This classification report does not represent type approval nor 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 a system 3 attestation of conformity and CE marking under the Construction Products Directive.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

| Report | Name | Signature (*) | Date |
|---------------------------------------|--------------|---|--------------|
| Prepared by | I. LAMMERTYN |  | 12 FEB. 2013 |
| Reviewed by | Ir. K. CATRY | i.o.  | 12 FEB. 2013 |
| (*) For and on behalf of "WFRGENT nv" | | | |

EN 13501-1 B_n-C_n-D_n WG 3E*

This document is a translation into English of the first additional classification report No. 15786C, originally issued in Dutch. This translated classification report has been issued under the responsibility of and checked by WFRGENT nv. This translation is issued according to the "Interpretations of the European standard EN ISO/IEC 17025: 2005/AC: 2006" which applies to fire test laboratories, as defined in the EGOLF agreement EGA 08: 2012.

In case of doubt, the original version in Dutch prevails.

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