

classification report



Title:

CLASSIFICATION OF
REACTION TO FIRE
PERFORMANCE
IN ACCORDANCE WITH
EN 13501-1: 2007

Notified Body No:

0833

Product Name:

"COH Sales / Adzorb"

Report No:

185289

Issue No:

1

Prepared for:

**COH Sales Limited
Penrose House
Penrose Quay
Cork**

Date:

22nd July 2009

1. Introduction

This classification report defines the classification assigned to "COH Sales / Adzorb", a dust free absorbent material, in accordance with the procedures given in EN 13501-1:2007

2. Details of classified product

2.1 General

The product "COH Sales / Adzorb", a dust free absorbent material, is defined as being suitable for flooring applications.

2.2 Product description

The product, "COH Sales / Adzorb", a dust free absorbent material, is described below and in the test reports provided in support of classification listed in Clause 3.1. A full description is held on confidential file.

| | |
|--|--|
| General description | Dust free absorbent material |
| Trade name / product reference | "COH Sales / Adzorb" |
| Detailed description / composition details | See 'Note 1' below |
| Name of manufacturer | COH Sales Limited |
| Density tested at | 186.23 kg/m ³ (Determined By Bodycote Warringtonfire) |
| Thickness tested at | 30mm (Determined By Bodycote Warringtonfire) |
| Colour | Green |
| Trade name of flame retardant | See 'Note 1' below |
| Generic type of flame retardant | See 'Note 1' below |
| Amount of flame retardant | See 'Note 1' below |
| Brief description of manufacturing process | See 'Note 1' below |

Note 1 – The sponsor provided this information but at the specific request of the sponsor, this information has been omitted from the test report and is instead held on our confidential file.

3. Test reports/extended application reports & test results in support of classification

3.1 Test reports/extended application reports

| Name of Laboratory | Name of sponsor | Test reports/extended application report Nos. | Test method / extended application rules & date |
|-------------------------|-----------------|---|---|
| Bodycote warringtonfire | Mannington | WF 184124 | EN ISO 11925-2 |
| Bodycote warringtonfire | Mannington | WF 184043 | EN ISO 9239-1 |

3.2 Test results

| Test method & test number | Parameter | No. tests | Results | |
|---|-----------------------------|-----------|---------------------------------|----------------------------|
| | | | Continuous parameter - mean (m) | Compliance with parameters |
| EN ISO 9239-1 | Critical flux | 3, 3 | 4.6 | Compliant |
| | Smoke | | 17.8 | Compliant |
| EN ISO 11925-2 (15s exposure – surface of decorative face) | F _s | 6, 6 | 40-50 | Compliant |
| | Flaming droplets/ particles | | None | Compliant |

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 9 of EN 13501-1:2007

4.2 Classification

The product, "COH Sales / Adzorb", a dust free absorbent material, in relation to its reaction to fire behaviour are classified:

C_{FL}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

| Fire Behaviour | | Smoke Production | |
|-----------------|---|------------------|---|
| C _{FL} | - | s | 1 |

i.e. C_{FL} – s1

Reaction to fire classification: C_{FL} – s1

4.3 Field of application

This classification is valid for the following end use applications:

- i) Flooring applications, used over any substrate with a density equal to or greater than 1800Kg/m³, having a minimum thickness of 6mm and a fire performance of A2_{FL} or better.
- ii) Installed utilising any adhesive

This classification is also valid for the following product parameters:

| | |
|--------------------|--------------------------|
| Flooring thickness | 30 mm |
| Flooring density | 186.23 kg/m ³ |
| Colour/Pattern | Any variation allowed |

5. Limitations

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

SIGNED

L. S. Hill

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Leigh Hill
Technical Consultant
Technical Department

APPROVED

Janet Murrell

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Janet Murrell
Technical Manager
Technical Department
on behalf of **warringtonfire**

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