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Testing. Advising. Assuring.

Classification report

No. 2010-1177-K1-1

issued 01.03.2010

Customer: Sika Deutschland GmbH
Kornwestheimer Str. 107

70439 Stuttgart

Order: Classification of the burning behaviour according to
DIN EN 13501-1 (2010-01)

Date of order: 19.01.2010

Designation of the classified building product

Cover coating designated as "Sikagard 207 W"

This classification report lays down the classification of the building product above according to the procedures of DIN EN 13501-1 (2101-01),

1. Description of the material

1.1 Details of the customer::

Cover coating designated as " Sikagard 207 W "

Construction: see annex 1

Wet application quantity layer 1: 209 g/m² (average)

Wet application quantity layer 2: 207 g/m² (average)

Total wet application quantity (1+2): 416 g/m² (average)

Dry application quantity layer 1: 87 g/m² (average)

Dry application quantity layer 2: 86 g/m² (average)

Total dry application quantity layer (1+2): 173 g/m² (average)

1.2 At the specimen preparation in the Exova Brandhaus determined values:

Coating

Colour: white

Substrate: Fiber cement panel 6 mm

For the test additional with calcium silicate plate 12 mm deposits

Test reports and test results

2.1 Test reports

Name of test laboratory	Customer	Report to form the basis	Test procedure
Exova Brandhaus	Sika Deutschland GmbH	2010-1177-1	DIN EN 13823 (SBI) EN ISO 11925-2 (30s ignition time surface ignition)

2.2 Prüfergebnisse

Test procedure	Test limits	Number of tests	Test results	
			Average	
EN ISO 11925-2 (30s ignition time surface ignition)	Test parameter	6	6	yes
DIN EN 13823 (SBI)	FIGRA _{0,4MJ} [W/S]	3	20,09	yes
	THR _{600s} [MJ]		1,61	yes
	SMOGRA-index [m ² /s ²]		2,14	yes
	TSP _{600s} [m ²]		44,03	yes

3 Classification and range of application

3.1 Reference

The classification was carried out according to the chapters 11 of DIN EN 13501-1 (2010-01)

3.2 Classification

The tested material is classified in the class **B** regarding to its burning behaviour.

The tested material is classified in the class **s1** regarding to its smoke development.

The tested material is classified in the class **d0** regarding to its dripping behaviour.

The classification of the tested material is therefore :

B – s1, d0

3.3 Area of application

3.4

The fire test result is only valid for the in chapter one described material on substrate material of the classes A1 and A2 according to DIN EN 13501-1 with a raw density of at least 1350 kg/m³.

4 Reservation

This classification report replaces not a possible required type admittance or type certification of the product..

This test report replaces the classification report 2010-1177 from March. 1th 2010 (date of signature) which is invalid from now on.

Frankfurt, 18th March 2010

A handwritten signature in blue ink, appearing to read 'Walter'.

A. Walter
Tester in charge

A handwritten signature in blue ink, appearing to read 'Zachäus'.

Dipl.-Ing. T. Zachäus
laboratory supervisor

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This classification report is a translation of the german version 2010-1168-1 (issued 01.03.2010). In case of doubt only the german version is valid. This test certificate contains 4 pages.