

Testing. Advising. Assuring.

Classification report

No. 2010-1992-K1-1

issued 12.10.2010

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. u. 31.08.2010**

Order:

Testing to determination the burning behaviour according to DIN EN 13823 in the SBI test and according to DIN EN ISO 11925 – 2.

Designation of the classified building product

Cover coating designated as "serial - No. 4, 5, 6 and 7"

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 "4, 5, 6 and 7"

Construction: see annex 1

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

Before testing the specimen are clima stored according to DIN EN 13238.

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	2010-1992-1	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	24		yes
DIN EN 13823 (SBI)	FIGRA _{0,2MJ} [W/S]	6	45,63	yes
	FIGRA _{0,4MJ} [W/S]		21,17	
	THR _{600s} [MJ]		1,68	yes
	SMOGRA-index [m ² /s ²]		2,03	yes
	TSP _{600s} [m ²]		39,18	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 coating system is classified in the class **B** regarding to its burning behaviour.

The tested coating system is classified in the class **s1** regarding to its smoke development.
The tested coating system is classified in the class **d0** regarding to its dripping behaviour.

The classification of the tested coating system is therefore :

B – s1, d0

3.3 Area of application

The fire test result is only valid for the in chapter one described material as a coating system on substrate materials 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 2010-1992 from October 12^h 2010 (date of signature) which is invalid from now on.

Frankfurt, 28th January 2011



P. Scheinkönig
Tester in charge



Dipl.-Ing. H. Bräuer
head of the test laboratory

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This classification report is a translation of the german version 2010-1992-K1-1 (issued 12.10.2010). In case of doubt only the german version is valid. This test certificate contains 4 pages.

Annex 1 to the classification report No. 2010-1992-K1-1 issued 12.10.2010

Aufbau	Deckbeschichtung	Masse Platte	Gewicht Platte	Sikagard Bonding Primer		Sikagard 203		Reemat	Sikagard 206		Sikagard 206		Trockenauftrag Schicht 5
				Nassauftrag Schicht 1	Trockenauftrag Schicht 1	Nassauftrag Schicht 2	Trockenauftrag Schicht 2		Nassauftrag Schicht 3	Trockenauftrag Schicht 3	Nassauftrag Schicht 4	Trockenauftrag Schicht 4	
5	Sikagard 206	1500 x 495	7010	105	9	360	200	245	145	250	120	120	
5	Sikagard 206	1500 x 1000	14100	101	10	347	250	248	149	247	135	135	
5	Sikagard 206	50 x 50	21	100	13,4	355	240	250	120	250	160	160	

Aufbau	Deckbeschichtung	Masse Platte	Gewicht Platte	Sikagard Bonding Primer		Sikagard 203		Reemat	Sikagard 203		Sikagard 206		Trockenauftrag Schicht 5
				Nassauftrag Schicht 1	Trockenauftrag Schicht 1	Nassauftrag Schicht 2	Trockenauftrag Schicht 2		Nassauftrag Schicht 3	Trockenauftrag Schicht 3	Nassauftrag Schicht 4	Trockenauftrag Schicht 4	
7	Sikagard 206	1500 x 495	6870	106	13	360	331	357	226	256	120	120	153
7	Sikagard 206	1500 x 1000	13660	109	13,3	395	360	367	230	253	135	135	111
7	Sikagard 206	50 x 50	23	110	9	390	360	360	280	250	130	130	100

Aufbau	Deckbeschichtung	Masse Platte	Gewicht Platte	Sikagard Bonding Primer		Sikagard 203		Reemat	Sikagard 205		Sikagard 205		Trockenauftrag Schicht 5
				Nassauftrag Schicht 1	Trockenauftrag Schicht 1	Nassauftrag Schicht 2	Trockenauftrag Schicht 2		Nassauftrag Schicht 3	Trockenauftrag Schicht 3	Nassauftrag Schicht 4	Trockenauftrag Schicht 4	
4	Sikagard 205	1500 x 495	6880	102	10	360	200	256	141	250	135	135	
4	Sikagard 205	1500 x 1000	13700	101	10	356	266	249	146	251	147	147	
4	Sikagard 205	50 x 50	21	100	13,4	355	240	240	120	250	120	120	

Aufbau	Deckbeschichtung	Masse Platte	Gewicht Platte	Sikagard Bonding Primer		Sikagard 203		Life	Reemat	Sikagard 203		Sikagard 205		Trockenauftrag Schicht 5
				Nassauftrag Schicht 1	Trockenauftrag Schicht 1	Nassauftrag Schicht 2	Trockenauftrag Schicht 2			Nassauftrag Schicht 3	Trockenauftrag Schicht 3	Nassauftrag Schicht 4	Trockenauftrag Schicht 4	
6	Sikagard 205	1500 x 495	7000	97	9	360	335	362	214	248	131	131	139	
6	Sikagard 205	1500 x 1000	13710	99	9	360	334	357	200	260	135	135	134	
6	Sikagard 205	50 x 50	21	100	10	390	340	360	240	250	120	120	120	