

Ihr Gesprächspartner
Im Haus:
Niels Theis
Head of Product Management
Im Außendienst:

Declaration of conformity
INDUFLOOR-IB 1225 / ASODUR-GBM

Datum:
31.10.2016

Unser Zeichen:
NT / KD

Durchwahl:

Dear Sir or Madam,

With this declaration of conformity, SCHOMBURG GmbH & Co. KG offers assurance that the formulation is identical between the products

INDUFLOOR-IB 1225 / ASODUR-GBM.

Their designated accreditation, test certificates and technical documentation can be interchanged.

Their product properties and application performance are identical.

Yours sincerely

SCHOMBURG GmbH & Co. KG


i.V. Dr. Werner Güth

Head of the technical chemical department



i.V. Niels Theis

Head of Product Management

SCHOMBURG GmbH & Co. KG
Aquafinstraße 2-8
D-32760 Detmold
Telefon +49-5231-953-00
Telefax +49-5231-953-123
www.schomburg.de

Werksniederlassung Halle
Deutsche Grube 11
D-06116 Halle/Saale
Telefon +49-345-57180-0
Telefax +49-345-57180-77

Sparkasse Paderborn-Detmold
5 00 59 62 (BLZ 476 50130)
IBAN: DE14 4765 0130 0005 0059 62
BIC: WELADE31XXX

Commerzbank Detmold
4 48 44 99 00 (BLZ 476 400 51)
IBAN: DE65 4764 0051 0448 4499 00
BIC: COBADEFFXXX

Volksbank Paderborn-Höxter-Detmold
8 20 1 62 16 00 (BLZ 472 601 21)
IBAN: DE34 4726 0121 8201 6216 00
BIC: DGPBDE33XXX

USD Nr.: DE 124 616 406

SCHOMBURG GmbH & Co. KG
Entwicklungs- u. Produktionsgesellschaft
Pers. haft. Gesellsch.:
SCHOMBURG Verwaltungs GmbH
Handelsregister Lemgo B 4538

Geschäftsführer:
Albert Schomburg
Ralph Schomburg
Alexander Weber

Vorsitzender des Beirates:
Albert Schomburg



Schomburg GmbH & Co. KG
Aquafinstraße 2-8
32760 Detmold

Seite 1/3
Dresden, 12.09.2008

Test Report no. DD 4197/01/2008

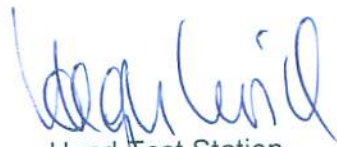
Entry book no.: 211/2008

Order date: 08.05.2008

Subject: Determination of the water vapour transmission rate of the two-component epoxy resin „INDUFLOOR®-IB 1225“

Sampling: The samples were sent by mail.

This test report comprises 3 pages and 0 annexes.



Head Test Station
Dipl.-Ing. G. Hagenhenrich



Head Testing Laboratory
Dipl.-Ing. B. Lindorf

BAUTEST DRESDEN GmbH
Georg-Schumann-Strasse 7
D-01187 Dresden
Tel.: 0351 46 41 243
Fax: 0351 46 41 214



The test results were obtained with the sample material sent in. The sample material has been used up. In each individual case, the disclosure of test reports or parts thereof, or references to test for advertising purposes, is subject to the written permission of BAUTEST DRESDEN GmbH. The sheets of this test report bear the official stamp of BAUTEST DRESDEN GmbH.

Test standards:

DIN EN ISO 7783-1, (1999-06) Paints and varnishes - Determination of water vapour transmission rate - Part 1: Dish method for free films

DIN EN ISO 7783-2 (1999-04); Paints and varnishes – Coating materials and coating systems for exterior mineral substrates and concrete - Part 2: Determination and classification of water vapour transmission rate (permeability)

DIN EN ISO 12572 (2001-09); Hygrothermal performance of building materials and products - Determination of water vapour transmission rate

Test task:

The „INDUFLOOR®-IB 1225“ samples handed over were to be tested for water vapour transmission rate according to DIN EN ISO 7783-1 and in consideration of DIN EN ISO 12572.

Sample preparation:

The epoxy resin was prepared by mixing the components at a 2:1 ratio, and the product films were stored under standard conditions until constant weight was established. Thereafter, five samples of approx. 70mm diameter were cut out of the product film and then conditioned under the specified climatic conditions in a standard environment. The thickness of the test pieces was measured using a dial gauge. Subsequently, the test pieces were glued to the test vessel by means of a special wax mixture. The test procedure was carried out at 23°C and humidity condition 50/93.

Preliminary information:

The water vapour transmission rate (of a coating) indicates the transmission rate referred to a unit area whereas the humidity condition 23-50/93 refers to the hygroscopic properties of the tested material.

The required test conditions were adjusted by using a desiccant. The test vessels were stored in a climatic room until the steady state was reached.

Terms

The water vapour transmission rate $[V]$ is the amount of water that permeates at a certain time through a unit area under defined temperature, humidity and thickness conditions.

The water vapour transmission coefficient $[\mu]$ indicates the magnitude of the water vapour transmission resistance of the product in relation to a still layer of air under identical test conditions.

The water vapour transmission equivalent thickness of an air layer $[s_d]$ corresponds to the thickness of a still air layer which has the same water vapour transmission resistance as a body of thickness d .

Test conditions

- Humidity 50/93%
- Temperature 23°C
- The tests were started when constant weight was reached.

The tests were carried out from 31 July 2008 to 28 August 2008.

	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Mean value
Coat thickness [m]	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005
Weight of test piece [g]	4.30	4.83	4.69	5.01	6.0	5.0
Tested area of sample [m ²]	0.0069	0.0069	0.0069	0.0070	0.0069	0.0069
Water vapour transmission rate V [g/m ² xd]	1.2	1.0	1.4	1.0	1.1	1.1
Water vapour transmission coefficient μ	$3.5 \cdot 10^4$	$3.4 \cdot 10^4$	$3.5 \cdot 10^4$	$3.7 \cdot 10^4$	$3.8 \cdot 10^4$	$3.6 \cdot 10^4$
Transmission equivalent air layer thickness s_d [m]	17.7	20.6	17.4	18.6	19.2	18.7

At a humidity condition of 23-50/93 and in consideration of the air layer thickness s_L , an s_d -value of 18.7m was determined for the tested tow-component epoxy resin "INDUFLOOR®-IB 1225".

Class	Water vapour transmission rate V		s_d [m]
	[g/m ² x d]	[g/m ² x h]	
I (high)*	> 150	> 6	< 0.14
II (medium)*	15-150	0.6 to 6	0.14 to 1.4
III (low)*	< 15	< 0.6	> 1.4

* Classification based on EN 1062-1

