



• BAUSTOFFPRÜFSTELLE Wismar GmbH • LÜBSCHER STRASSE 109 • 23966 WISMAR •

NOVO-TECH GmbH & Co. KG
Siemensstraße 31
06449 Aschersleben
Germany

Wismar, 16.02.2018
Our ref.: Sü./Kü.

Preliminary test report No.: 0191/18	
Customer:	NOVO-TECH GmbH & Co. KG
Subject of the order:	Testing of floor boards - Determination of slip resistance, method of evaluation Pendulum test in accordance with DIN CEN/TS 16165:2012, Appendix C - Determination of surface roughness (Rz value) in accordance with DIN EN ISO 4287
Date of order:	06.02.2018
Specimen supply date:	08.02.2018
Testing period:	16.02. -
Designation of article:	DOLOMIT board 16 x 193 mm
Surface / colour:	Slightly uneven / grey and brown
Number:	3 No. grey and 1 No. brown
Format [cm]:	3 No. 100 x 19 and 1 No. 30 x 19
Manufacturer or origin:	Customer
Proof of origin:	The samples were made available by the Customer.
Testing Institute:	TÜV Rheinland LGA Products GmbH Wilhelm-Franke-Straße 66, 01219 Dresden, Germany, as the subcontractor of Baustoffprüfstelle Wismar GmbH

The test report comprises 3 pages.

Proof samples are kept for up to two months.

1. Determination of slip resistance using the pendulum test in accordance with CEN/TS 16165 "Determination of slip resistance of pedestrian surfaces - methods of evaluation; German version CEN/TS 16165:2012"

Number of specimens: 5 No.

Test area of every specimen approx. [30 x 14] cm

Description

of the surface:

The wood-like floor boards have a slightly uneven, longitudinally textured surface.

Preparation of specimens:

- Pendulum apparatus and slider before the test ≥ 120 min at room temperature (20 ± 2) °C
- Specimen before the test stored ≥ 30 min in water at (20 ± 2) °C

Test person:

R. Dreblow

Test and test results:

Specimen No.	Pendulum test value under wet conditions with slider 57											
							After turning through 180°					
	4	5	6	7	8	Mean	4	5	6	7	8	Mean
1 - Brown	41	41	41	40	40	41	48	48	47	47	47	47
2 - Grey	50	49	49	48	48	49	45	45	44	44	44	44
3 - Grey	48	46	46	46	46	46	42	42	41	41	41	41
4 - Grey	48	47	47	47	47	47	42	42	42	41	41	42
5 - Red	44	44	43	43	43	43	52	52	52	51	51	52
Mean value (PTV)						45						

Information

Requirements for only a few product groups (e.g. asphalt in road construction) are available for assessing slip resistance determined using the pendulum apparatus. According to a search of the literature, there is a classification of the PTV results, which arises from the country of origin of the pendulum test.

	Classification UKSRG	PTV
	High slip potential	0 to 24
	Moderate slip potential	25 to 35
	Low slip potential	≥ 36

The source of this information stems from the UK-Slip Resistance Group Guideline

2. Determination of surface roughness (Rz value)

DIN EN ISO 4287:2010-07 "Geometrical Product Specifications (GPS)

- **Surface texture:** Profile method - Terms,

definitions and surface texture parameters

(ISO 4287:1997 + Cor 1:1998 + Cor 2:2005 + Amd 1:2009);

German version EN ISO 4287:1998 + AC:2008 + A1:2009

Testing Institute:

TÜV Rheinland LGA Products GmbH

Wilhelm-Franke-Straße 66, 01219 Dresden, Germany,

as the subcontractor of Baustoffprüfstelle Wismar GmbH

Test results:

The test results will be submitted later.

Dipl.-Ing. (FH) Ch. Schümer
Testing Engineer



Dipl.-Ing. E. Stoige
Head of Testing Institute