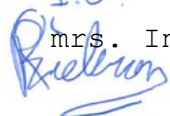


ANTI-SLIP PROPERTIES OF FLOOR COVERINGS

Customer	: Forbo Novilon B.V. J. Jeuring Postbus 148 7740 AC COEVORDEN
Manufacturer	: Forbo Novilon B.V. Postbus 148 7740 AC COEVORDEN
TCKI order number	: 22.08.00055
Sample test number (Also invoice indication)	: Surestep Laguna
Sampling date	: 01-08-2022
Date of receipt	: 02-08-2022
Sample taken by	: The manufacturer
Supplied by	: The manufacturer
Type of material	: Floor cover
Colour	: Light gray

1. Barefoot Ramp Test (DIN 51097)
2. Shod Ramp Test (DIN 51130)

Yours faithfully,
Velp, 23-08-2022

I.O.


mrs. Ineke Geist, Head of laboratory.

- * The laboratory management can give you, on request, supplementary information concerning the test procedure and the measurement uncertainty of the results or can be found in the clarification document.
- * Results from this report only have reference to the tested material.
- * Duplication of this document is only allowed with preliminary permission of TCKI or client.

Q' 1. Determination of the anti-slip properties (DIN 51097)

Testing of floor coverings - Determination of the anti-slip properties - wet loaded barefoot areas; walking method - Ramp test in accordance with DIN 51097, 1992.

TCKI order number : 22.08.00055
 Sample test number: Surestep Laguna
 Test date : 22-08-2022

Type of floor covering material:

See cover page

Size individual products (length x width) : 1000 x 500 mm

Description of the surface characteristics of the floor covering:

Flat

Joint width : n / a

Contaminant: Water / 0.1 % soap solution

Type of test: barefoot

Test results:

Maximum angle of inclination in degrees:	
Test walker 1	Test walker 2
22.7	21.0
23.6	21.4
22.6	20.7
23.1	21.2
Average maximum angle of indication: 22	

Assesment table for slip resistance characteristics:

Average maximum angle of inclination	Slip resistance category
$\geq 12^\circ$	A
$\geq 18^\circ$	B
$\geq 24^\circ$	C

Q' 2. Determination of the anti-slip properties (DIN 51130)

Testing of floor coverings - Determination of the anti-slip properties - workrooms and fields of activities with slip danger, walking method - Ramp test in accordance with DIN 51130, 2014.

TCKI order number : 22.08.00055
 Sample test number : Surestep Laguna
 Test date : 23-08-2022

Type of floor covering material:

See cover page

Size individual products (length x width) : 1000 x 500 mm

Description of the surface characteristics of the floor covering:

Flat

Joint width : n / a

Contaminant: SAE motor oil, viscosity category 10W-30 1

Footwear: Leipzig safety shoes

Test results:

Maximum angle of inclination in degrees:			
Test walker 1	Corrected	Test walker 2	Corrected
18.1	18.6	18.3	18.6
19.3	19.8	19.1	19.4
18.9	19.4	18.2	18.5
Mean	19.3	Mean	18.8
Average maximum angle of inclination:			19.1
Category assessment DIN 51130:			R11

Assessment table for slip resistance characteristics DIN 51130:

Average maximum angle of inclination	Slip resistance category
6° to 10°	R9
more than 10° to 19°	R10
more than 19° to 27°	R11
more than 27° to 35°	R12
more than 35°	R13