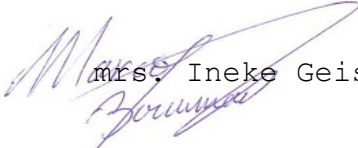


ANTI-SLIP PROPERTIES OF FLOOR COVERINGS

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	: 19.03.01119
Sample test number (Also invoice indication)	: Eternal (Concrete embossing)
Sampling date	: 14-03-2019
Date of receipt	: 15-03-2019
Sample taken by	: The customer
Supplied by	: Customer, per mail
Type of material	: Carpeting
Colour	: Grey
Sort	: Thickness 2.00 mm, weight 2900 g/m2

1. Shod Ramp Test

Yours faithfully,
Velp, 20-03-2019


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 (CEN/TS16165, annex B and 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 CEN/TS 16165, annex B and DIN 51130.

TCKI order number : 19.03.01119
 Sample test number : Eternal (Concrete embossing)
 Test date : 19-03-2019

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 : -

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

Footwear: Leipzig safety shoes

Test results:

Maximum angle of inclination in degrees:	
Test walker 1	Test walker 2
10.4	11.6
10.6	11.9
10.6	11.5
Mean 10.6	11.7
Average maximum angle of inclination: 11.1 (11 according CEN/TS 16165)	
Category assessment DIN 51130: R10	

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