

ANTI-SLIP PROPERTIES OF FLOOR COVERINGS

Customer	: Arlon Graphics LLC P. du Plessis Dr. Lelykade 22 B 2583 CM DEN HAAG
Manufacturer	: Arlon Graphics LLC Dr. Lelykade 22 B 2583 CM DEN HAAG
TCKI order number	: 20.06.01131
Sample test number (Also invoice indication)	: Series 3220 G
Sampling date	: 10-06-2020
Date of receipt	: 10-06-2020
Sample taken by	: The customer
Supplied by	: Customer, per mail
Type of material	: Laminate
Colour	: White, transparent

1. Sliding friction coefficient: Tribometer test

ORIGINEEL TCKI

Yours faithfully,
Velp, 18-06-2020


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.

1. Determination of the anti-slip properties (EN 14041)

Determination of the dynamic coefficient of friction of floor materials in accordance with EN 14041. The dynamic coefficient of friction, μ , is determined from the ratio of the force to the normal force ($N/N = \text{dimensionless}$).

TCKI order number	: 20.06.01131
Sample code number	: Series 3220 G
Test date	: 17-06-2020
Type of floor covering material	: See cover page
Description of the surface characteristics of the floor covering	:
Place performance	: in laboratory
Equipment used	: GMG 200
Nature of the sliding material	: Mixed slider, 2 leather + 1 SBR rubber
Contaminant	: None, test carried out under dry conditions
Speed	: 0.20 – 0.25 m/s
Measuring length	: 80 cm
Distance between tracks	: 10 cm
Temperature	: 20 °C
Relative humidity	: 56 %
Conditions at the test	: Dry
Pre-processing	: None

Dynamic coefficient of friction : Test results

Track	Longitudinal	45 °	Lateral
1	0.84		
2	0.58		
3	0.83		
4	0.79		
Mean	0.76		

The mean test result meets the minimum requirement of 0.30 described in EN 14041.