

**ANTI-SLIP PROPERTIES OF FLOOR COVERINGS**

|   |  |
|---|--|
| Customer  | : Arlon Graphics LLC<br>P. du Plessis<br>Dr. Lelykade 22 B<br>2583 CM DEN HAAG |
| Manufacturer                                    | : Arlon Graphics LLC<br>Dr. Lelykade 22 B<br>2583 CM DEN HAAG                  |
| TCKI order number                               | : 20.05.01446  |
| Sample test number<br>(Also invoice indication) | : Series 3510 Matte  |
| Sampling date                                   | : 22-05-2020   |
| Date of receipt                                 | : 22-05-2020   |
| Sample taken by                                 | : The customer   |
| Supplied by                                     | : Customer, per mail   |
| Type of material                                | : Laminate   |
| Colour  | : White, transparent   |

1. Sliding friction coefficient: Tribometer test
2. Pendulum Friction Test

**ORIGINEEL TCKI**

Yours faithfully,  
Velp, 25-05-2020



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,  $\mu$ , is determined from the ratio of the force to the normal force (N/N = dimensionless).

TCKI order number : 20.05.01446  
 Sample code number : Series 3510 Matte  
 Test date : 22-05-2020

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 : 61 %  
 Conditions at the test : Dry  
 Pre-processing : None

Dynamic coefficient of friction : Test results

| Track | Longitudinal | 45 ° | Lateral |
|-------|--------------|------|---------|
| 1     | 0.48         | 0.00 | 0.00    |
| 2     | 0.46         | 0.00 | 0.00    |
| 3     | 0.49         | 0.00 | 0.00    |
| 4     | 0.51         | 0.00 | 0.00    |
| Mean  | 0.48         | 0.00 | 0.00    |

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