

# CENTRE FOR TEXTILE SCIENCE AND ENGINEERING

DEPARTMENT OF MATERIALS, TEXTILES AND CHEMICAL ENGINEERING

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date

06/08/2020

# **TEST REPORT 20-0703-02**

#### Samples received

Name	Date of receipt
PVC Flooring 1.5mm	17/07/2020

#### Aim of the test

Determination of the dynamic friction

### Test conditions

#### Dynamic friction of floorcoverings

Standard:

EN 13893 (2002)

Method:

Appliance GMG 100.

Two leather and 1 rubber sole are attached to the GMG 100. The appliance is pulled over the sample at a constant speed. The horizontal force needed is registered. The dynamic friction coefficient is determined by dividing the horizontal force by the

vertical force.

Number of tests:

3 in each direction

Test conditions:

20 ± 2 °C and 65 ± 4% relative humidity

The tests were finished in week 32/2020.

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#### **OBTAINED RESULTS**

## Dynamic coefficient of friction (µ) EN 13893

REF: PVC Flooring 1.5mm		
Measurement	Direction of production	Perpendicular to the direction of production
1	0.40	0.42
2	0.41	0.40
3	0.41	0.40
Mean value	0.41	0.41

LIEDTS Eddy Technician

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