

CENTRE FOR TEXTILE SCIENCE AND ENGINEERING

DEPARTMENT OF MATERIALS, TEXTILES AND CHEMICAL ENGINEERING

Taizhou Huali Plastic Co., Ltd Zhangdian Industrial Zone Jiangyan District Taizhou City Jiangsu Prov., P.R. CHINA Technologiepark 907, B-9052 Gent T +32 9 264 57 35 - F +32 9 264 58 46 www.textiles.ugent.be - textiles@ugent.be

Contact Didier Van Daele e-mail didier.vandaele@ugent.be date 27/01/2017

TEST REPORT 17-0022-03

Samples received :

Name	Date of receipt
Rigid LVT flooring - 3.5 mm	06/01/2017

Aim of the test :

Determination of the dynamic friction of the floorcoverings

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 with a constant speed. The horizontal force needed is
	registered. The dynamic friction coefficient is determined by dividing the horizontal
	force through the vertical force.
Number of tests:	3 in each direction

The tests were finished in week 2/2017

The test results only apply to materials that correspond to the tested sample. Forgery will be legally prosecuted, just like partial reproduction without prior written permission. Tests that are marked *are accredited. Advices and interpretations are not covered by the accreditation.

OBTAINED RESULTS

Dynamic friction

	μ = dynamic coefficient of friction		
Measurement	Direction of production	Perpendicular to the direction of	
		production	
1	0.39	0.41	
2	0.39	0.40	
3	0.36	0.42	
Mean value	0.38	0.41	

Didier Van Daele Head of Floor covering and Fire Tests Prof. Dr. Paul KIEKENS, dr. h. c. Head of Department