

## TFI Report 440893-10

### Testing of Resilient Floor Coverings

**Customer**

LG Hausys Ltd.  
One IFC, 20 Yeouido-gong, Yeongdeungpo-gu  
150-876 Seoul  
SOUTH KOREA

**Product**

Resilient floor covering  
DECOCLICK

**Responsible at TFI**

B. Sc. Katharina Keulen  
Tel: +49 241 9679 151  
[k.keulen@tfi-online.de](mailto:k.keulen@tfi-online.de)

This report includes 2 pages and 1 annex(es)

**Aachen, 4 09 2014**



**Dr. Ernst Schröder**

The present document is provided with a qualified electronic signature and is valid without autograph signature.

This report only applies to the tested specimens and has been established to the best of our knowledge. Only the entire report shall be reproduced. Under no circumstances, extracts shall be used. Furthermore, we apply the "General Terms and Conditions for the Execution of Contracts" of the Textiles & Flooring Institute GmbH, also with regard to the order execution.

## 1 Transaction

Test order	Wear resistance according to EN 660-2/A1:2003
Order date	13 June 2014
Your reference	Dan Bi
Product designation	DECOCLICK
TFI sample number	14-06-0095

## 2 Product Specification

Use surface	PVC*
Construction	heterogeneous
Structure	embossed*
Pattern	patterned
Colour of the use surface	brown, dark brown, black
Type of delivery	planks
	*customer information

## 3 Results

Volume loss [mm <sup>3</sup> ]	1.8
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## 4 Annexes

Wear Resistance	FT 440893-10
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The annexes marked <sup>a</sup> are based on tests accredited in accordance with EN ISO/IEC 17025.

# Annex FT - Wear Resistance

## 1 Transaction

Product designation                      DECOCLICK  
 TFI sample number                      14-06-0095  
 Testing period                              7 July 2014 – 22 July 2014

## 2 Test Method / Requirements

EN 660-2/A1:2003                      Determination of wear resistance - Part 2 Frick Taber test  
 Deviations                                  None  
 The test is performed by an authorized subcontractor.

## 3 Results

Parameter		Result		
		Specimen 1	Specimen 2	Specimen 3
Density [g/cm³]		1.31	1.31	1.31
Mass loss per cycle of 1,000 revolutions [mg]	Cycle 1	36.8	25.8	27.1
	Cycle 2	30.0	25.5	21.0
	Cycle 3	25.8	24.3	18.6
	Cycle 4	21.3	21.2	21.3
	Cycle 5	21.1	20.4	21.2
Total mass loss [mg]		13.5	11.7	10.9
Mass loss Fm per 100 revolutions [mg]		2.7	2.3	2.2
Volume loss Fv per 100 revolutions [mm³]		2.1	1.8	1.7
Average volume loss [mm³]		1.8		

Comments: none