

## TFI Report 441874-09

### 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  
DSW: DECOTILE 3.0T

**Responsible at TFI**

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This report includes 2 pages and 1 annex(es)

**Aachen, 03 February 2015**

**Dr. Jens-Christian Winkler**  
authorized manager



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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	Colour fastness to light according to ISO 105-B02:2002
Order date	25 November 2014
Your reference	Dan Bi
Product designation	DSW: DECOTILE 3.0T
TFI sample number	14-11-0278

## 2 Product Specification

Use surface	PVC*
Construction	heterogeneous
Structure	flat
Pattern	multicoloured, unpatterned
Colour of the use surface	black, brown
Type of delivery	tiles
	*customer information

## 3 Results

Fastness to light (method 2)	8
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## 4 Annexes

Light fastness <sup>a</sup>	LE 441874-09
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The annexes marked <sup>a</sup> are based on tests accredited in accordance with EN ISO/IEC 17025.

# Annex LE - Light Fastness

## 1 Transaction

Product designation DSW: DECOTILE 3.0T  
 TFI sample number 14-11-0278  
 Testing period 07 January 2015 – 29 January 2015

## 2 Test Method / Requirements

ISO 105-B02:2013 Colour fastness to artificial light: Xenon arc fading lamp  
 Test device Xenotester Alpha LM (manufacturer ATLAS)  
 Test method 2  
 Illumination conditions A - Normal conditions (moderate zone)  
 Deviations None

## 3 Results

Rating scale	Colour fastness (grade)	Type of colour change
Grade 1: BS 2 ~ GS 3 (preliminary assessment)	-	-
Grade 2: BS 4 ~ GS 4	8	-
Grade 3: BS 6 ~ GS 4	8	-
Grade 4: BS 7 ~ GS 4	8	-
<b>Overall grade</b> (arithmetic mean of Grade 2, 3 and 4)	<b>8</b>	-

BS: Blue scale, GS: Grey scale

Comments: none