

TFI Report 441874-07

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, 6 01 2015



Dr. Ernst Schröder

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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	Dimensional stability according to ISO 23999:2012
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

Dimensional stability	individual results cf. annex MW
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4 Annexes

Dimensional stability ^a	MW 441874-07
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The annexes marked ^a are based on tests accredited in accordance with EN ISO/IEC 17025.

Annex MW - Dimensional Stability

1 Transaction

Product designation DSW: DECOTILE 3.0T
 TFI sample number 14-11-0278
 Testing period 8 December 2014 – 19 December 2014

2 Test Method / Requirements

ISO 23999:2012 Determination of dimensional stability and curling after exposure to heat
 Deviations None
 The test was performed by an authorized subcontractor.

3 Results

Parameter	Result
Average dimensional change production direction [%]	0.15
Average dimensional change production direction [mm]	-0.31
Average dimensional change cross production direction [%]	0.00
Average dimensional change cross production direction [mm]	-0.03
Maximum dimensional change production direction [%]	0.21
Maximum dimensional change cross production direction [%]	0.03
Average curling [mm]	0.00
Average initial curling [mm]	none

Comments: none