

TFI Report 450971-02

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
Decotile 3.0

Responsible at TFI

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This report includes 2 pages and 1 annex(es)

Aachen, 27 July 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	Electrical resistance according to EN 1081:1998
Order date	8 June 2015
Your reference	Dan Bi Choi
Product designation	Decotile 3.0
TFI sample number	15-06-0075

2 Product Specification

Use surface	not tested
Construction	heterogeneous
Structure	flat
Pattern	multicoloured, patterned
Colour of the use surface	brown, dark brown
Type of delivery	tiles

3 Results

Vertical resistance [Ω]	$2.64 \cdot 10^{11}$
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4 Annexes

Electrical Resistance ^a	EW 450971-02
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The annexes marked ^a are based on tests accredited in accordance with EN ISO/IEC 17025.

Annex EW – Electrical Resistance

1 Transaction

Product designation	Decotile 3.0
TFI sample number	15-06-0075
Testing period	23 June 2015 – 30 June 2015

2 Test Method / Requirements

EN 1081:1998	Determination of the electrical resistance
Deviations	None
Test method	A
Conditioning	$(23 \pm 2) ^\circ\text{C} / (50 \pm 5) \% \text{ rel. humidity}$
Test climate	$(23 \pm 2) ^\circ\text{C} / (25 \pm 2) \% \text{ rel. humidity}$
Test voltage	500 V

3 Results

Parameter	Vertical resistance [Ω]
Median value	$2.64 * 10^{11}$
Maximum value	$2.75 * 10^{11}$
Minimum value	$1.93 * 10^{11}$

Comments: none