

TFI Report 451065-02

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
Decoclick 4.0 T

Responsible at TFI

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This report includes 2 pages and 1 annex(es)

Aachen, 21 July 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 | Electrical resistance according to EN 1081:1998 |
| Order date | 15 June 2015 |
| Your reference | Dan Bi Choi |
| Product designation | Decoclick 4.0 T |
| TFI sample number | 15-06-0156 |

2 Product Specification

| | |
|---------------------------|--------------------------|
| Use surface | not tested |
| Construction | heterogeneous |
| Structure | grained |
| Pattern | multicoloured, patterned |
| Colour of the use surface | light brown, beige |
| Type of delivery | tiles |

3 Results

| | |
|----------------------------------|----------------------|
| Vertical resistance [Ω] | $3.72 \cdot 10^{12}$ |
|----------------------------------|----------------------|

4 Annexes

| | |
|------------------------------------|--------------|
| Electrical Resistance ^a | EW 451065-02 |
|------------------------------------|--------------|

The annexes marked ^a are based on tests accredited in accordance with EN ISO/IEC 17025.

Annex EW – Electrical Resistance

1 Transaction

| | |
|---------------------|-----------------------------|
| Product designation | Decodlick 4.0 T |
| TFI sample number | 15-06-0156 |
| Testing period | 03 July 2015 – 21 July 2015 |

2 Test Method / Requirements

| | |
|--------------|--|
| EN 1081:1998 | Determination of the electrical resistance |
| Deviations | None |
| Test method | A |
| Conditioning | (23 ± 2) °C, (50 ± 5) % rel. humidity |
| Test climate | (23 ± 2) °C, (25 ± 2) % rel. humidity |
| Voltage | 500 V |

3 Results

| Parameter | Vertical resistance [Ω] |
|---------------|----------------------------------|
| Median value | $3.72 \cdot 10^{12}$ |
| Maximum value | $5.16 \cdot 10^{13}$ |
| Minimum value | $2.85 \cdot 10^{12}$ |

Comments: none