

TFI Report 460185-01

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
Allroad

Responsible at TFI

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This report includes 2 pages and 1 annex(es)

Aachen, 24 March 2016

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 | Colour fastness to light according to ISO 105-B02:2014 |
| Order date | 01 February 2016 |
| Your reference | Dan Bi |
| Product designation | Allroad |
| TFI sample number | 16-02-0034 |
| Date of sample receipt | 02 February 2016 |

2 Product Specification

| | |
|---------------------------|------------------------------|
| Use surface | PVC * |
| Construction | homogeneous |
| Structure | flat |
| Pattern | tonal effect without pattern |
| Colour of the use surface | light brown, brown |
| Type of delivery | sheet flooring |
| | *customer information |

3 Results

| | |
|------------------------------|---|
| Fastness to light (method 2) | 6 |
|------------------------------|---|

4 Annexes

| | |
|-----------------------------|--------------|
| Light fastness ^a | LE 460185-01 |
|-----------------------------|--------------|

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

Annex LE - Light Fastness

1 Transaction

| | |
|---------------------|----------------------------------|
| Product designation | Allroad |
| TFI sample number | 16-02-0034 |
| Testing period | 17 February 2016 – 24 March 2016 |

2 Test Method / Requirements

| | |
|-------------------------|--|
| ISO 105-B02:2014 | Colour fastness to artificial light: Xenon arc fading lamp |
| 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 | 5-6 | lighter |
| Grade 3: BS 6 ~ GS 4 | 6 | lighter |
| Grade 4: BS 7 ~ GS 4 | 6 | lighter |
| Overall grade (arithmetic mean of Grade 2, 3 and 4) | 6 | lighter |

BS: Blue scale, GS: Grey scale

Comments: none