

TFI Report 21-000601-03

Functional and Quality testing

Customer

Kinnasand GmbH
Danziger Str. 6
26655 Westerstede
GERMANY

Product

Textile floor covering
Dashes

This report includes 3 pages and 1 annex(es)

This report is correction of test report no. 21-000601-02 and supersedes and replaces the previous version.

Responsible at TFI

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- Engineer -

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Aachen, 29 September 2021



Dr. Bayram Aslan

The present document is provided with an advanced electronic signature.

This report only applies to the tested samples 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 TFI Aachen GmbH, also with regard to the order execution.

1 Transaction

Test order	Changes in appearance according to ISO 10361:2015
Order date	30.04.2021, 21 September 2021
Your reference	Simonetta Rochetti
Product designation	Dashes
TFI sample number	2100917
Date of sample receipt	04.05.2021
Sampling performed by	Customer

2 Product Specification

Type of manufacture	handwoven *
Type of surface	flat weave *
Backing	none
Pattern	multicoloured, patterned
Colour	beige, black, brown, green
Use surface	100% pure New Zealand wool
Type of delivery	rug *

*customer information

3 Results

Parameter	Result
Change in appearance (median value)	
Short-term use	4.5
Long-term use	4.0
Assessment of change in appearance according to EN 1307:2014+A3:2019	33
Assessment of change in appearance according to EN 14215:2014	23

The measurement results are evaluated without consideration of the measurement uncertainty with reference to compliance with limit values, unless otherwise specified by the test standard.

4 Annexes

Changes in Appearance ^a AV 21-000601-03

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

Annex AV - Changes In Appearance

1 Transaction

Product designation	Dashes
TFI sample number	2100917
Testing period	14.05.2021 – 20.05.2021

2 Test Method / Requirements

ISO 10361:2015	Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester
Assessment standard	EN ISO 9405:2017
Deviation	<ul style="list-style-type: none"> none
Test method	method B (Hexapod)
Type of underlay	none
Number of assessors	3
Type of vacuum cleaner	Vorwerk Kobold VT270 / EB370 with rotating brush

3 Results

Parameter	Short-term wear (4,000 cycles)		Long-term wear (12,000 cycles)	
	Mean value	Median value	Mean value	Median value
Assessment	4.3	4.5	3.8	4.0
Grey Scale	3.8	4	2.8	3
Dominant property	structure, colour		structure, colour	

Comments / special observations: none