

TFI-Report 22-000887-01

Functional and Quality Testing

Customer Kinnasand GmbH
Danziger Str. 6
26655 Westerstede
DE

Product Textiler Bodenbelag/Textile floor covering
Jute and Wool

This report includes 5 pages.



Aachen, 11.10.2022

Dr. Andreas Zoëga
Head of Testing Laboratory



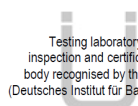
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This report only applies to the tested samples and has been established to the best of our knowledge. Only the entire report shall be reproduced. Under no circumstances, extracts shall be used. Furthermore, we apply the "General Terms and Conditions for the Execution of Contracts" of the TFI Aachen GmbH, also with regard to the order execution.

The test result does not include any addition or deduction for uncertainties due to measurement, sample preparation, sample collection and production tolerances.



Notified Body
No. 1656



Testing laboratory,
inspection and certification
body recognised by the DIBt
(Deutsches Institut für Bautechnik)



Accredited for the methods indicated in
the partial reports to the DAkkS certificate

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Managing Director
Dr.-Ing. Bayram Aslan

1 Transaction

Order date 19.09.2022

Product designation Jute and Wool

TFI sample number 2201609

Date of sample receipt 20.09.2022

Test order:

Change in appearance according ISO 10361 ^a

a ... Die mit a gekennzeichneten Ergebnisse basieren auf nach EN ISO/IEC 17025 akkreditierten Prüfungen. / The reports marked a are based on tests accredited in accordance with EN ISO/IEC 17025.

Testing period 27.09.2022 - 29.09.2022

Responsible at TFI:



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2 Product description

TFI Probennummer

2201609



Thickness [mm]

* 10-11

Area density [g/m²]

* 2700

Type of delivery

abgepasst

*Angabe des Auftraggebers / Customer Information

3 Results

Change in appearance (median) - shortterm	3.5
Change in appearance (median) - longterm	2.5
Classification of change in appearance according EN 1307	class 23/31
Classification of change in appearance according EN 14215	class 21

4 Partial Reports

Changes in appearance according to ISO 10361

Partial Report AV - Changes In Appearance

1 Transaction

TFI sample number 2201609

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

- No individual results of assessors given

Test method method B (Hexapod)

Type of underlay none

Number of assessors 3

Type of vacuum cleaner Vorwerk Kobold VT270 / EB370 without rotating brush

Assessment scale ISO loop

3 Results

Parameter	Short-term wear (4,000 cycles)		Long-term wear (12,000 cycles)	
	Mean value	Median value	Mean value	Median value
Assessment	3.5	3.6	2.5	2.6
Grey Scale	3-4	3.5	3	3.0
Dominant property	structure, colour		structure, colour, hairiness	

Comments / special observations: none