

TFI Report 21-000316-01

Functional and Quality testing

Customer

Kinnasand GmbH
Danziger Str. 6
26655 Westerstede
GERMANY

Product

Textile floor covering
Icon, 7190000 col. 0014
Lavo, 7280000 col. 0011
Cascade, 7220000 col. 0006

This report includes 4 pages and 1 annex(es)

Responsible at TFI

Dipl.-Ing. Cornelia Schiffer
- Senior Engineer -
Tel: +49 241 9679 150
c.schiffer@tfi-aachen.de

Aachen, 14.04.2021



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.

1 Transaction

Test order	Changes in appearance according to ISO 10361:2015
Order date	08.03.2021
Your reference	Simonetta Rochetti
Product designation	Icon, 7190000 col. 0014 Lavo, 7280000 col. 0011 Cascade, 7220000 col. 0006
TFI sample number	2100402 / 2100403 / 2100404
Date of sample receipt	10.03.2021
Sampling performed by	Customer

2 Product Specification

Icon, 7190000 col. 0014

Type of manufacture	Handknotted, Tibetan knots *
Type of surface	cut pile
Backing	none
Pattern	plain without pattern
Colour	green
Use surface	100% Chinese silk *
Type of delivery	rug

Lavo, 7280000 col. 0011

Type of manufacture	Handknotted, Persian knots*
Type of surface	cut pile
Backing	none
Pattern	plain without pattern
Colour	grey
Use surface	80% pure new Sardinian wool, 20% pure new wool *
Type of delivery	rug

Cascade, 7220000 col. 0006

Type of manufacture	Handknotted, Persian knots*
Type of surface	cut pile
Backing	none
Pattern	plain without pattern
Colour	beige
Use surface	66% pure new wool, 18% linen, 16% silk *
Type of delivery	rug
	*customer information

3 Results**3.1 Icon, 7190000 col. 0014 (2100402)**

Parameter	Result
Change in appearance (median value)	
Short-term use	2.5
Long-term use	1.5
Classification of appearance retention according to EN 1307:2014+A3:2019	21
Classification of appearance retention according to EN 14215:2018	-

3.2 Lavo, 7280000 col. 0011 (2100403)

Parameter	Result
Change in appearance (median value)	
Short-term use	3.0
Long-term use	2.0
Classification of appearance retention according to EN 1307:2014+A3:2019	22
Classification of appearance retention according to EN 14215:2018	21

3.3 Cascade, 7220000 col. 0006 (2100404)

Parameter	Result
Change in appearance (median value)	
Short-term use	3.0
Long-term use	2.0
Classification of appearance retention according to EN 1307:2014+A3:2019	22
Classification of appearance retention according to EN 14215:2018	21

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 21-000316-01

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	Icon, 7190000 col. 0014 Lavo, 7280000 col. 0011 Cascade, 7220000 col. 0006
TFI sample number	2100402 / 2100403 / 2100404
Testing period	18.03.2021 – 07.04.2021

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

3.1 Icon, 7190000 col. 0014 (2100402)

Parameter	Short-term wear (4,000 cycles)		Long-term wear (12,000 cycles)	
	Mean value	Median value	Mean value	Median value
Assessment	2.3	2.5	1.7	1.5
Grey Scale	2.2	2	1.7	2
Dominant property	colour, structure		colour, structure	
Classification of appearance retention according to EN 1307:2014+A3:2019			21	
Classification of appearance retention according to EN 14215:2018			-	

Comments / special observations: none

3.2 Lavo, 7280000 col. 0011 (2100403)

Parameter	Short-term wear (4,000 cycles)		Long-term wear (12,000 cycles)	
	Mean value	Median value	Mean value	Median value
Assessment	3.0	3.0	2.2	2.0
Grey Scale	3.3	3-4	2.5	2-3
Dominant property	structure, colour		structure, colour	
Classification of appearance retention according to EN 1307:2014+A3:2019			22	
Classification of appearance retention according to EN 14215:2018			21	

Comments / special observations: none

3.3 Cascade, 7220000 col. 0006 (2100404)

Parameter	Short-term wear (4,000 cycles)		Long-term wear (12,000 cycles)	
	Mean value	Median value	Mean value	Median value
Assessment	3.0	3.0	2.2	2.0
Grey Scale	3.5	3-4	2.5	2-3
Dominant property	structure		structure, colour	
Classification of appearance retention according to EN 1307:2014+A3:2019			22	
Classification of appearance retention according to EN 14215:2018			21	

Comments / special observations: none