

# TFI-Report 25-000225-05

This report replaces 25-000225-04 from 19.03.2025.

Reason for replacement: This report is a correction of 25-000225-04 (article name).

## Functional and Quality Testing

Customer	Kvadrat AS Lundbergsvej 10 8400 Ebeltoft DK
Product	Textiler Bodenbelag/Textile floor covering Sio Outdoor, col. 0186

This report includes 5 pages.



Aachen, 01.04.2025

Dr. Jacqueline Lemm



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.

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



## 1 Transaction

Order date 06.02.2025  
Your reference Martina Novotna  
Product designation Sio Outdoor, col. 0186

TFI sample number 2500230

Date of sample receipt 10.02.2025  
Sampling performed by Auftraggeber/Customer

Testing period 11.03.2025 - 18.03.2025

### Test order:

Change in appearance according ISO 10361 - Hexapod <sup>a</sup>

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.

### Responsible at TFI:

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## 2 Product description

TFI sample number 2500230



Total thickness in mm \* Ca. 6  
Total mass per unit area in g/m<sup>2</sup> \* 2000  
Type of delivery In Probengröße angeliefert/Supplied  
in sample size

Sample setup

\*Angabe des Auftraggebers/Customer Information



### 3 Results

Change in appearance median - Shortterm Hexapod 3.5

Change in appearance median - Longterm Hexapod 2.5

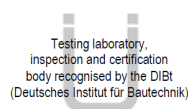
The measurement results are evaluated without consideration of the measurement uncertainty with reference to compliance with limit values, unless otherwise specified by the test standard.

### 4 Partial Reports

Change in appearance according ISO 10361 - Hexapod



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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Dr. Jacqueline Lemm

## Partial Report AV - Changes In Appearance

### 1 Transaction

TFI sample number 2500230

### 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

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	3.5	2.5	2.5
Grey Scale	4.0	4	3.0	3
Dominant property	structure, colour		structure, colour	
Classification according EN 1307, table 15	class 22			
Classification according EN 14215, table 3	class 21			

Comments / special observations: none