



## 1 Transaction

Order date 20.04.2023  
Your reference Simonetta Rochetti  
Product designation Corde

TFI sample number 2300722

Date of sample receipt 26.04.2023

Testing period 15.05.2023 - 25.05.2023

### Test order:

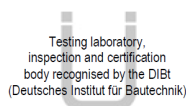
Castor chair test according EN 985 / EN ISO 4918 <sup>a</sup>

a ... Die mit a gekennzeichnete Prüfung basiert auf nach EN ISO/IEC 17025 akkreditierten Prüfungen./The test marked a are based on tests accredited in accordance with EN ISO/IEC 17025.

A. Boigga



Notified Body  
No. 1656



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



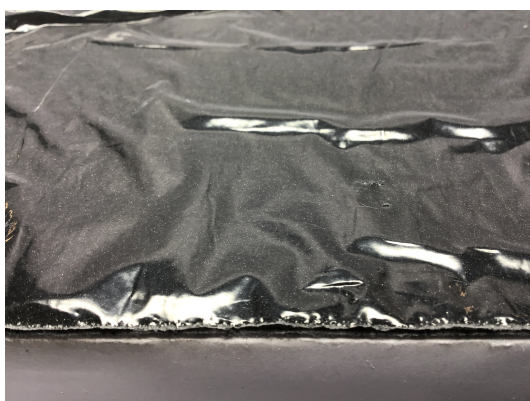
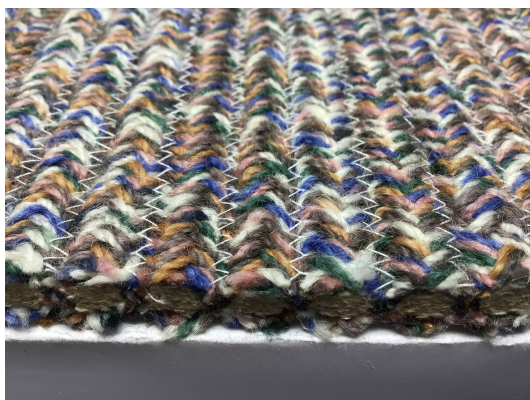
Accredited for the methods indicated in  
the partial reports to the DAKKS certificate

TFI Aachen GmbH  
Charlottenburger Allee 41  
52068 Aachen/Germany  
[www.tfi-aachen.de](http://www.tfi-aachen.de)

HRB 8157 Aachen  
UST-IdNr. DE209411312  
Managing Director  
Dr. Jacqueline Lemm

## 2 Product description

TFI sample number 2300722



Thickness [mm]  
Area density [g/m<sup>2</sup>]  
Type of delivery

\*keine Angabe/not specified  
\*keine Angabe/not specified  
\*keine Angabe/not specified

\*Angabe des Auftraggebers/Customer Information

### 3 Results

Castor chair suitability

intensive use

### 4 Partial Reports

Castor chair test according to EN 985 / EN ISO 4918

## Partial Report S - Castor Chair

### 1 Transaction

TFI sample number 2300722

### 2 Test Method / Requirements

EN 985:2001	Castor chair suitability
Deviations	<ul style="list-style-type: none"> <li>• Test climate according EN ISO 139</li> <li>• No individual results of assessors given</li> <li>• Tested with underlay (Universal Stop *)</li> </ul>
Type of castors	Type H
Test method	A: Determination of the wear behaviour
Test climate	(20 ± 2) °C / (65 ± 4) % rel. humidity
History of the sample	not known
Assessment scale	ISO loop

\* customer information

### 3 Results

#### 3.1 Test A

#### Assessment of structural integrity

Type of damage	Degree of damage	
	5,000 cycles	25,000 cycles
Detachment, rucking or cracking	none	none
Delamination*	none	none
Scuffing or delamination of the foam backing	none	none
Loss of adhesion and/or pulverisation of the binding agents	none	none
Damage of the material as a whole	none	none

Comments: none

\*In case of delamination, the test will be considered as failed.

**Assessment of change in appearance**

Parameter	5,000 cycles		25,000 cycles	
	Mean value	Median value	Mean value	Median value
Assessment Grade	3.3	3.5	2	2
Change in colour	2.5	2-3	1.5	1-2
Dominant factor(s):	structure, colour		structure, colour	

Comments: none

**Castor chair index**

$r = 3.1$  intensive use

Comments: none