

# TFI Report 20-000285-01

## Testing of Resilient Floor Coverings

### Customer

Vorwerk & Co. Teppichwerke GmbH & Co. KG  
Kuhlmannstr. 11  
31785 Hameln  
GERMANY

### Product

resilient floor covering  
RE/COVER green Parts

This report includes 2 pages and 2 annex(es)

### Responsible at TFI

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

**Aachen, 27 April 2020**



Dr. Andreas Zoëga  
- Head of testing laboratory -

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	Residual indentation on the basis of ASTM 9701-07 Staining on the basis of ASTM 925
Order date	20 March 2020
Your reference	4500154860
Product designation	RE/COVER green Parts
TFI sample number	2000426
Date of sample receipt	1 April 2020
Sampling performed by	Customer

## 2 Product Specification

Use surface	not known
Construction	heterogeneous
Structure	embossed
Pattern	multicoloured, patterned
Colour of the use surface	dark grey, grey
Type of delivery	tiles

## 3 Results

Parameter	Result
Residual indentation [mm]	0.06
Staining	individual results cf. annex FBE

## 4 Annexes

Sensitivity to Staining	FBE 20-000285-01
Residual Indentation	RED 20-000285-01

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

# Annex FBE - Sensitivity to Staining

## 1 Transaction

Product designation	RE/COVER green Parts
TFI sample number	2000426
Testing period	21 April 2020

## 2 Test Method / Requirements

ASTM 925 (EN ISO 26987:2012)	Standard Test Method for Resistance to Chemicals of Resilient Flooring Sensitivity to staining and resistance to chemicals)
Deviation	- testing environment at $(20 \pm 2)$ °C and $(65 \pm 4)$ % rel. humidity
Cleaning method	Cotton cloth
History of the sample	not known

## 3 Results

Substance	Surface dulling	Color change	Surface attack
Synthetic detergent	0	0	0
Ammonia 5 % solution	0	0	0
Hydrogen peroxide 10 %	0	0	0
Sodium hypochlorite 1 %	0	0	0
Sodium thiosulfate 1 %	0	0	0
Oxalic acid 1 % solution	0	0	0
Denature ethanol	0	0	0
White spirit	0	0	0
Turpentine	0	0	0

Index: 0 – unchanged, 1 – slight changes, 2 – moderate changes, 3 – severe changes

Comments: none

# Annex RED - Residual Indentation

## 1 Transaction

Product designation	RE/COVER green Parts
TFI sample number	2000426
Testing period	16 April 2020 – 17 April 2020

## 2 Test Method / Requirements

ASTM 9701-07	Standard Test Method for Static Load Limit
(ISO 24343-1:2012	Determination of indentation and residual indentation)
Deviations	<ul style="list-style-type: none"> <li>• Reading of indentation and relaxation after 2,5 h</li> </ul>
History of the sample	not known

## 3 Results

Residual indentation [mm]	Result
Sample 1	0.08
Sample 2	0.05
Sample 3	0.05
<b>Mean value for residual indentation [mm]</b>	<b>0.06</b>
<b>Mean value for the depth of indentation after 150 min. [mm]</b>	<b>0.51</b>

Comments: none