

TFI Report 452039-07

Testing of Resilient Floor Coverings

Customer LG Hausys Ltd.
One IFC, 20 Yeouido-gong, Yeongdeungpo-gu
150-876 Seoul
SOUTH KOREA

Product resilient floor covering
Medistep Allroad

Responsible at TFI Katharina Keulen B. Sc.
Tel: +49 241 9679 151
k.keulen@tfi-online.de

This report includes 2 pages and 1 annex(es)

Aachen, 22 December 2015

Dr. Jens-Christian Winkler
authorized manager



The present document is provided with a qualified electronic signature and is valid without autograph signature.

This report only applies to the tested specimens 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 Textiles & Flooring Institute GmbH, also with regard to the order execution.

1 Transaction

Test order	Staining according to ISO 26987:2012
Order date	18 November 2015
Your reference	Dan Bi
Product designation	Medistep Allroad
TFI sample number	15-11-0188

2 Product Specification

Use surface	PVC*
Construction	homogeneous
Structure	flat
Pattern	tonal effect without pattern
Colour of the use surface	beige, light beige
Type of delivery	sheet flooring
	*customer information

3 Results

Staining	individual results cf. annex FBE
----------	----------------------------------

4 Annexes

Sensitivity to Staining	FBE 452039-07
-------------------------	---------------

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

Annex FBE - Sensitivity to Staining

1 Transaction

Product designation Medistep Allroad
 TFI sample number 15-11-0188
 Testing period 14 December 2015

2 Test Method / Requirements

EN ISO 26987:2012 Sensitivity to staining and resistance to chemicals
 Deviation None
 Cleaning method Cotton cloth, Cleaning detergent water

3 Results

Substance	Duration of contact 2 h	Duration of contact 30 min.
Synthetic detergent	0	-
Ammonia 5 % solution	0	-
Hydrogen peroxide 10 % solution	0	-
Sodium hypochlorite 1 % solution	0	-
Sodium thiosulfate 1 % solution	0	-
Oxalic acid 1 % solution	0	-
Denature ethanol	0	-
White spirit	0	-
Turpentine	0	-

Index: 0 – unchanged, 1 – very few changes, 2 – slight changes, 3 – changed, 4 – considerable changes

Comments: none