

Test Report 0565-14-1-H

Part of cumulative Test Report 0565-14

English version of Test Report 0565-14-1-G

for

Excellent systems A/S

Møllevej 2, Bale
8544 Mørke
Denmark

1. Test specimen:

One sample labelled as "4. Grip tile".

2. Date of arrival:

28/05/2014

3. Test realization:

10/06/2014

4. Testing method:

Testing of floor coverings; determination of the anti-slip property - Workrooms and fields of activities with slip danger - Walking method - Ramp test according to DIN 51130:2004-6 (●).

Determination of the displacement volume of floor coverings according to DIN 51130:2004-06 (●).

5. Sampling/Sample preparation:

Sampling and delivery to the FGK was under responsibility of the customer.
The sample was tested in condition as delivered.

6. Results:

Determination of the anti-slip property according to DIN 51130:2004-06

Corrected mean acceptance angle: **27.7°** Class: **R 12**

Evaluation scheme DIN 51130:2004-06

Corrected mean acceptance angle	Class
6° to 1°	R 9
> 10° to 19°	R 10
> 19° to 27°	R 11
> 27° to 35°	R 12
> 35°	R 13

Displacement volume

According to GUV-R 181 - Rules for safety and health protection – Floorings in occupational areas with slip risk (10/2003) the determination of the displacement volume can only be applied in case of a light profile distance of at most 40 mm. **For open mesh floorings the displacement volume is in any case specified as V10.**

Therefore the sample's displacement volume has to be classified as V 10.

Evaluation scheme DIN 51130:2004-06

Area based minimal volume of the displacement volume cm ³ /dm ²	classification of the displacement volume
4	V 4
6	V 6
8	V 8
10	V 10



7. Testing uncertainties:

Determination of the anti-slip property
Details on request.

8. Epilogue:

All investigations were done in view of the latest scientific-technical trends and to the best of one's knowledge and belief. The testing results exclusively refer to the test specimen. In order to avoid misinterpretations the present report may only be copied and transmitted in its completeness. To copy extracts needs a written permission by the FGK.

27.10.2014

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i.V. Dr. Pohlmann-Lortz
Laborleiter

