

# TEST CERTIFICATE

for the slip resistance of floor coverings  
according to DIN EN 16165, Annex B

Tested material: **Metal material**

Article description: Checker plate cover DBKR FS/DD  
Article-No: FS (DX51D)  
Material no.: strip galvanised steel / 1.0917  
Dimensions: length and width variable; nominal thickness  $t = 2.0$  mm;  
test sample: 1000 x 500 x 2.0 [mm]  
Colour: galvanised  
Surface: profiled; linear duet embossing offset by 90° to each other;  
corrugation height 1.3 mm  
Surface treatment: zinc coating 275 g/m<sup>2</sup>  
Hersteller/Lieferer: OBO BETTERMANN GmbH & Co. KG  
Hüingser Ring 52  
58710 Menden

Client: OBO BETTERMANN  
Produktion Deutschland GmbH & Co. KG  
Hüingser Ring 52  
58710 Menden

Certificate No.: 98242201.001e

Sample receipt: 29.09.2022

Test date: 11.10.2022

Sampling: Sent by the customer to the research institute

Test method: **DIN EN 16165** (edition 12/2021)  
"Determination of slip resistance of pedestrian surfaces - Methods of evaluation"  
**Annex B** – Shod ramp test  
The sample covering was delivered in a surface condition ready for testing.

Test result: Angle value  $\alpha_{\text{shod}}$ : **19°**

Assessment: **slip resistance class: R11**

**SÄUREFLIESNER-VEREINIGUNG E. V.**  
Institut für Wand- und Bodenbeläge  
Managing Director

Dipl.-Ing. Friedrich Höltekemeyer



Großburgwedel, 01.12.2022  
Schu/ke

This test certificate is only valid for the products tested an identical with the test sample. No measurement uncertainties are taken into account for the classification according to the test basis. The test certificate is issued for a period of 5 years (related to the test date). Publication and duplication of the test certificate is only permitted in unabridged form.



– Institut für Wand- und Bodenbeläge –

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Nach DIN EN ISO/IEC 17025 durch die DAkkS akkreditierte Prüfstelle. Die Akkreditierung gilt für die in der Urkunde D-PL-18372-01-00 aufgeführten Bereiche. Vom DIBt nach LBO unter der Kenn-Nr. NDS 20 anerkannte und nach EU-BauPVO notifizierte Stelle NB 1212.



# TEST CERTIFICATE

## for the determination of the displacement space

Tested material: **Metal material**

Article description: Checker plate cover DBKR FS/DD  
Article-No: FS (DX51D)  
Material no.: strip galvanised steel / 1.0917  
Dimensions: length and width variable; nominal thickness  $t = 2.0$  mm;  
test sample: 1000 x 500 x 2.0 [mm]  
Colour: galvanised  
Surface: profiled; linear duet embossing offset by 90° to each other;  
corrugation height 1.3 mm  
Surface treatment: zinc coating 275 g/m<sup>2</sup>  
Hersteller/Lieferer: OBO BETTERMANN GmbH & Co. KG  
Hüingser Ring 52  
58710 Menden

Client: **OBO BETTERMANN  
Produktion Deutschland GmbH & Co. KG  
Hüingser Ring 52  
58710 Menden**

Certificate No.: 98242201.002e

Test date: 04.10.2022

Sampling: Sent by the customer to the research institute  
Sample receipt: 29.09.2022

Test method: **E DIN 51133 (2021-12)**  
"Testing of floor coverings - Determination of the displacement space"  
The test sample was delivered in a surface condition ready for testing.

Test result: Area-related minimum volume of the  
Displacement area: **11,8 cm<sup>3</sup>/dm<sup>2</sup>**

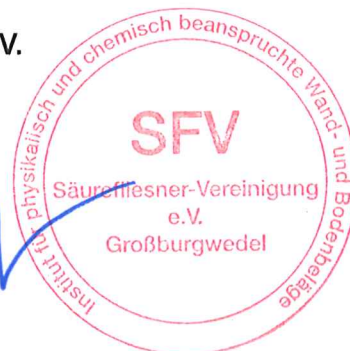
Assessment: **Classification of the displacement area: V10**

### SÄUREFLIESNER-VEREINIGUNG E. V.

Institut für Wand- und Bodenbeläge

Managing Director

Dipl.-Ing. Friedrich Höltkemeyer



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