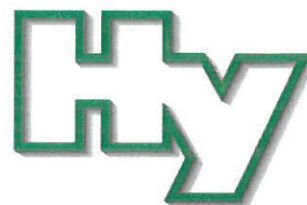


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



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Reference: W-336515e-20-SI/Krü
Contact person: Mrs. Dr. Ch. Schell

Gelsenkirchen, 13.11.2020

TEST CERTIFICATE

Enhancement of Microbial Growth on Materials to Come into Contact with Drinking water Test pursuant to DVGW Technical Standard W 270, November 2007

Client: Ha-Be Betonchemie GmbH
Stüvestr. 39
31785 Hameln

Test material: **PANTARHIT® RC671 (FM)**

Test method: Material test

Concrete, produced using **PANTARHIT® RC671 (FM)** is conform to the requirements for the use in the area of drinking water systems pursuant to DVGW Technical Standard W 270 according to test report **W-336515e-20-SI/Krü** of **13.11.2020**. Details regarding testing procedure and test results are itemized in the test report.

This test certificate is valid from the date of issue and, given that the conditions and requirements remain unaltered, expires on **13.11.2025**. Upon request of the client, the validity may be extended up to another 5 year term provided that the specifications of Technical Standard W 270 are met.

The Director of the Institute

p.p.

Dr. Ch. Schell
Head of Department Microbiological Material and Hygiene Testings

The test results and assessments refer exclusively to the examined test specimens and all applicable statutory regulations. The validity of the document expires in case of modifications in the composition of the material or the processing conditions. This present document may only be published and reproduced unabridged and unaltered. This document is no DVGW certification.

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., **Register:** VR 519 Local Court Gelsenkirchen (Germany); **VAT ID:** DE125018356
Directorate: Prof. Dr. Jürgen Kretschmann (Head), Dr. Emanuel Grün, Dr. Dirk Waider, Joachim Löchte, Prof. Dr. Lothar Dunemann (Executive Member).