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Our Reference: 07-10028-20-01

Bremen, 05.12.2024

## TEST CERTIFICATE

Analysis of test specimen according to DIN EN ISO 846:2020,  
procedure A (resistance against fungi) and C (resistance against bacteria)

**Client:** REHAU Industries SE & Co. KG  
Brauhausstraße 10  
95111 Rehau  
Germany

**Test material:** 1104/20/REH, RAU-PP 1381  
(internal ID 07-28-20-1)

**Test method:** DIN EN ISO 846:2020, procedure A and C

The growth of microorganisms on material “1104/20/REH, RAU-PP 1381” (internal ID 07-28-20-1) corresponds to a growth intensity of “1c” for procedure A (= no growth visible to the naked eye, but microscopically detectable covering more than 50 % of the surface) and a growth intensity of “0” for procedure C (= no bacterial growth). The determination of growth intensity refers to microorganisms applied in accordance with DIN EN ISO 846:2020, procedure A (fungal growth test) and procedure C (bacterial growth test). Detailed information is provided in Test Report 07-10028-20-01, version 2, dated April 30, 2020.

The results indicate, that the material “1104/20/REH, RAU-PP 1381” does not contain nutrients that support the growth of tested bacteria but contains minor amounts of nutrients that support the growth of fungi. Therefore, the tested material also complies with the requirements of VDI 6022:2018, part 1 (Hygiene requirements for ventilation and air-conditioning systems and units (VDI Ventilation Code of Practice)) concerning microbial stability and resistance to bacteria. Regarding the resistance to fungi, the requirement was not fully met. Further material requirements according to VDI 6022, part 1 must be checked separately.

AMTLICHE MATERIALPRÜFUNGSANSTALT BREMEN

Dr. Antje Stahl  
(Head of Work Group Microbiology)

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The results of the analyses exclusively refer to the subject of analysis, no inference can be made to the qualities of a main unit.  
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Amtliche Materialprüfanstalt der Freien Hansestadt Bremen.

\*established 01 January 1987 as per the enactment on the Establishment of a Amtliche Materialprüfanstalt der Freien Hansestadt Bremen as a division  
of Stiftung Institut für Werkstofftechnik,  
published in the Official Journal of the Free Hanseatic City of Bremen 1986, No. 79, p. 603.