



Trespa International B.V.
Report No. TR 2601-1705
Cleanroom (atmospheric)

Cleanroom[®] Suitable Materials

TopLab ULTIM (white)
Outgassing Behavior Inorganic
Acids: ISO-ACC_m Class < -8.5

FLOORING & COATING

Single product
Outgassing Behavior
Inorganic Acids

Qualification Certificate

We hereby certify that the material stated above, provided by

Trespa International B.V.
Weert, Netherlands

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number TR 2601-1705.

The outgassing behavior of Trespa TopLab ULTIM (color: white) at the stated temperatures was investigated according to VDI 2083 Part 17 and ISO 14644-15. Based on the outgassing rates determined for the specific surfaces, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER _a ¹⁾ 23 °C [g/m ² s]	ISO-ACC _m Class (x) based on 23 °C
HF	< 2.9 x 10 ⁻⁹	< -8.5
HCl	< 2.9 x 10 ⁻⁹	< -8.5
HBr	< 2.9 x 10 ⁻⁹	< -8.5
HNO ₃	< 2.9 x 10 ⁻⁹	< -8.5
H ₃ PO ₄	< 2.9 x 10 ⁻⁹	< -8.5
H ₂ SO ₄	< 2.9 x 10 ⁻⁹	< -8.5

¹⁾ The emission rate is calculated using the detected concentration based on the external standard calibration, the analyzed sample surface area or number of samples, the volume of the impingement solution and the sampling duration

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Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

The norms stated generally refer to the version valid at the time of the tests.