



Cleanroom[®] Suitable Materials

Sika Deutschland GmbH
Report No. SI 1709-952

Sikafloor-381 ECF
Outgassing VOC/SVOC
ISO-ACC_m Class -8.0 / < -9.6

FLOORING & COATING

Outgassing Behavior VOC/SVOC

Qualification Certificate

We hereby certify that the material stated above, provided by

Sika Deutschland GmbH
Stuttgart, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number SI 1709-952.

The outgassing behavior of Sikafloor-381 ECF (color: gray) at the stated temperatures was investigated according to VDI 2083 Part 17. 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]	SER _a ¹⁾ 90 °C [g/m ² s]	ISO-ACC _m Class (x) based on 23 °C
VOC	9.7 x 10 ⁻⁹	1.4 x 10 ⁻⁵	-8.0
SVOC	< 2.8 x 10 ⁻¹⁰	< 4.6 x 10 ⁻⁹	< -9.6
Amines	< 2.8 x 10 ⁻¹⁰	< 4.6 x 10 ⁻⁹	--
Organophosphates	< 2.8 x 10 ⁻¹⁰	< 4.6 x 10 ⁻⁹	--
Siloxanes	< 2.8 x 10 ⁻¹⁰	< 4.6 x 10 ⁻⁹	--
Phthalates	< 2.8 x 10 ⁻¹⁰	< 4.6 x 10 ⁻⁹	--

¹⁾ SER_a: Area-specific emission rate

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 on the Fraunhofer IPA test report.

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Report No. first document
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Report No. current document

Stuttgart, March 7, 2018
Place, date of first document issued
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Place, current date

on behalf of
Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA