



valid until: May 8, 2031

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Sika Deutschland CH AG & Co. KG  
Sikaflex-522

**Report No. SI 2603-1742**

### Single product Outgassing Behavior Inorganic Acids

DUPLICATED

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Sika Deutschland CH AG & Co. KG**  
Bad Urach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number SI 2603-1742.

The outgassing behavior of the the structural adhesive Sikaflex-522 (color: white) at the stated temperatures was investigated according to ISO 14644-15:

results for thin-film coating are not transferable to other or thicker coatings		
Contaminant Category (x)	SER <sub>a</sub> <sup>1)</sup> 23 °C, 5 days [g/(m <sup>2</sup> *s)]	SER <sub>a</sub> <sup>1)</sup> 23 °C, 30 days [g/(m <sup>2</sup> *s)]
HF	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>
HCl	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>
HBr	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>
HNO <sub>3</sub>	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>
H <sub>3</sub> PO <sub>4</sub>	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>
H <sub>2</sub> SO <sub>4</sub>	< 2.9 x 10 <sup>-9</sup>	< 2.9 x 10 <sup>-9</sup>

<sup>1)</sup>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.

Please note: The tests were conducted on so-called "thin-film coating" samples in accord. with the customer's specifications. Because the curing of outgassing samples is dependent on film thickness, the results can't be extrapolated to other or thicker coatings.

SI 2603-1742 \_\_\_\_\_ Stuttgart, May 8, 2026 \_\_\_\_\_  
Report No. first document Place, date of first document issued

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Report No. current document 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](http://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.