



valid until: May 8, 2031

Fraunhofer

TESTED[®] DEVICE

Sika Deutschland CH AG & Co. KG
Sikaflex-522

Report No. SI 2603-1742

Single product Outgassing Behavior VOC/SVOC

DUPLICATE

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 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 _a ¹⁾ 23 °C, 5 days [g/(m ² *s)]	SER _a ¹⁾ 23 °C, 30 days [g/(m ² *s)]
VOC	5.0 x 10 ⁻⁸	2.0 x 10 ⁻⁹
SVOC ²⁾	2.4 x 10 ⁻⁸	2.4 x 10 ⁻⁸
Sum of VOC & SVOC	7.3 x 10 ⁻⁸	2.6 x 10 ⁻⁸
Refractories ³⁾	6.3 x 10 ⁻¹⁰	< 2.8 x 10 ⁻¹⁰
Siloxanes ⁴⁾	6.3 x 10 ⁻¹⁰	< 2.8 x 10 ⁻¹⁰

¹⁾ The emission rate is calculated using the detected mass based on the response of the standard, the analyzed unit and the sampling duration. ²⁾ according ISO 16000-25, SVOC is the sum of airborne & condensing SVOC. Condensing SVOC were collected by heating the emission chamber to 90 °C after removal of the sample. ³⁾ Refractories are compounds containing elements other than C, H & O (e.g. S, P, N, Si,...). ⁴⁾ Siloxanes and other Si-containing organic substances. Siloxanes also count as refractories.

Please note: The tests were conducted on so-called "thin-film coating" samples in accordance with the customer's specifications. Because the curing of outgassing samples is dependent on film thickness, the results cannot 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.

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.