



# Cleanroom<sup>®</sup> Suitable Materials

EGO Dichtstoffwerke  
Report No. SI 1909-1140

EGOFLEX 423  
Outgassing VOC/SVOC  
ISO-ACC<sub>m</sub> Class -4.5/-6.8

## FLOORING & COATING

### Single product Outgassing Behavior VOC/SVOC

### Qualification Certificate

We hereby certify that the material stated above, provided by

EGO Dichtstoffwerke GmbH & Co. Betriebs  
KG  
Garmisch-Partenkirchen, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number SI 1909-1140.

The outgassing behavior of EGOFLEX 423 (color: concrete gray) 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 <sub>a</sub> <sup>1)</sup> 23 °C [g/m <sup>2</sup> s]	SER <sub>a</sub> <sup>1)</sup> 90 °C [g/m <sup>2</sup> s]	ISO-ACC <sub>m</sub> Class (x) based on 23 °C
VOC	2.9 x 10 <sup>-5</sup>	7.9 x 10 <sup>-5</sup>	-4.5
SVOC	1.6 x 10 <sup>-7</sup>	6.7 x 10 <sup>-6</sup>	-6.8
Amines	< 2.8 x 10 <sup>-10</sup>	< 1.7 x 10 <sup>-9</sup>	--
Organophosphates	< 2.8 x 10 <sup>-10</sup>	< 1.7 x 10 <sup>-9</sup>	--
Siloxanes	< 2.8 x 10 <sup>-10</sup>	< 1.7 x 10 <sup>-9</sup>	--
Phthalates	< 2.8 x 10 <sup>-10</sup>	< 1.7 x 10 <sup>-9</sup>	--

<sup>1)</sup>SER<sub>a</sub>: 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](http://www.tested-device.com).

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

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Report No. first document

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Report No. current document

Stuttgart, November 27, 2019  
Place, date of first document issued

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Place, current date

on behalf of 