



**Remmers GmbH**  
**Report No. RE 1411-735**

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

**Epoxy ESD Color 3K**  
**Outgassing VOC (23°C/90°C):**  
**ISO-ACC<sub>m</sub> class -8.9 / tested**

## Flooring & Coating

### Qualification Certificate

We hereby certify that the material stated above, provided by

**Remmers Baustofftechnik GmbH**  
 Lönningen, Germany


has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number RE 1411-735.

Epoxy ESD Color 3K (pebble grey) was tested regarding outgassing at various temperatures according to VDI 2083-17. The tested material obtained the following classification:

Test temperatures	Family of contaminants	Specific emission rate [g/m <sup>2</sup> s]	ISO-ACC <sub>m</sub> Class (x)
23 °C / 73 °F	VOC	1.3 x 10 <sup>-9</sup>	-8.9
90 °C / 194 °F	Amines	not detectable	--
	Organo-phosphates	not detectable	--
	Siloxanes	not detectable	--
	Phthalates	not detectable	--

Detailed information regarding specific product data such as date of manufacture, color, and serial number as well as test environment and parameters can be obtained from the CSM test report issued by the Fraunhofer-Gesellschaft.

Stuttgart, January 7, 2015

i. A.   
 Project manager

DUPLICATE

The validity of this certificate is temporary indefinite and limited to the named product. It can be verified on [www.tested-device.com](http://www.tested-device.com).

For more CSM information, please visit [www.ipa-csm.com](http://www.ipa-csm.com).