



Brillux
Report No. BR 2011-1194

Cleanroom[®] Suitable Materials

Floortec 2K-Epoxi-Dickschicht 894
Particle (vs. PA6): ISO 3

FLOORING & COATING

Single product Particle Emission

Qualification Certificate

We hereby certify that the material stated above, provided by

Brillux GmbH & Co. KG
Münster, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number BR 2011-1194.

The level of particulate contamination emitted during application of tribological stress on the material pairing specified lies within the permissible values of the corresponding Air Cleanliness Class in accordance with ISO 14644-1:

Material pairing and test		Suitable for Air Cleanliness Class (ISO 14644-1)
Brillux Floortec 2K-Epoxi-Dickschicht 894 (gray)	vs. PA6	ISO Class: 3
Reel-on-disc test Normal force 300 N		

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.

DUPLICATE

BR 2011-1194
Report No. first document

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Stuttgart, November 9, 2017
Place, date of first document issued

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



Brillux
Report No. BR 2011-1194

Cleanroom[®] Suitable Materials

Floortec 2K-Epoxi-Dickschicht 894
Outgassing VOC/SVOC
ISO-ACC_m Class -6.5 / -9.6

FLOORING & COATING

Single product
Outgassing Behavior
VOC/SVOC

Qualification Certificate

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The outgassing behavior of the Brillux Floortec 2K-Epoxi-Dickschicht 894 (color: 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 ¹⁾ 23°C [g/m²s]	SER ¹⁾ 90°C [g/m²s]	ISO-ACC _m Class (x) based on 23°C
VOC	3.2×10^{-7}	1.8×10^{-4}	-6.5
SVOC		1.5×10^{-7}	-9.6
Amines			--
Organophosphates	$< 2.8 \times 10^{-10}$		--
Siloxanes		$< 4.6 \times 10^{-9}$	--
Phthalates			--

¹⁾SER: Area-specific emission rate

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