



Gradus Ltd.

Report No. GR 2511-1688

Cleanroom (atmospheric)

FLOORING & COATING

**Single product
Particle Emission
in Cleanroom
(atmospheric)**

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.

Cleanroom[®]

Suitable Materials

**SureProtect Pure
vs. ball Si4N4: ISO 6
Particle Emission (coating)**

DUPLEX

Qualification Certificate

We hereby certify that the material stated above, provided by

Gradus Ltd.
Macclesfield, United Kingdom

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number GR 2511-1688.

The level of particulate contamination emitted during application of tribological stress on the material pairing in cleanroom (room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$; relative humidity: $-45\% \pm 5\%$) specified lies within the permissible values of the corresponding Air Cleanliness Class in accordance with ISO 14644-1:

Material pairing and test procedure	Suitable for Air Cleanliness Class
SureProtect Pure PVC-u Hygienic Sheet SPP25 (satin white)	vs. stainless steel 1.3541/1.4034
Ball-on-disc test normal force: 3 N	ISO Class: 6

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Stuttgart, December 16, 2025
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on behalf of
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification