



valid until: January 30, 2031

Fraunhofer

TESTED[®] DEVICE

Saint-Gobain Ecophon AB
Akutex TH

Report No. SA 2511-1961

DUPLICATE

Statement of
Qualification

Single product
Electrical
Resistance

Statement of Qualification · Single product

Customer
 Saint-Gobain Ecophon AB
 Box 500
 265 03 Hyllinge
 Sweden

Tested product

Category: Cleanroom Facilities

Subcategory: Wall/Ceiling/Floor/Door

Product name: Hygiene Meditec E_updated TH
 (manufacturing date: 8/26/2025; color: white; article number: AY250408A; charge number: AY250319A)

Test result / Classification

The ceiling panel Hygiene Meditec E_updated TH shows limited compliance with general requirements for ESD control items as per DIN EN IEC 61340-5-1. Electrical resistance values in this range exceed the typical limits for dissipative surfaces defined in DIN EN IEC 61340-5-1. Therefore, the suitability as ESD control item depends on the specific implementation and may require a field control concept.

Measuring point	Operating voltage [V]	Max. mean value R_{p-p} [Ω]	Conformity assessment based on DIN EN IEC 61340-5-1
Point-to-point resistance (R_{p-p})	100	8.1×10^{10}	Limited compliance

Electrical resistance measurements at representative points (point-to-point resistance (R_{p-p}))

Standards/guidelines: DIN EN IEC 61340-4-1, -5-1
 The norms stated generally refer to the version valid at the time of the tests.

Test equipment: Data capture: Metriso 3000,
 Wolfgang Warmbier GmbH & Co. KG

Test environment parameters:

- Room with controlled environmental conditions
- Temperature: $22^\circ\text{C} \pm 0.5^\circ\text{C}$
- Relative humidity: $45\% \pm 5\%$

Test procedure parameters:

Measuring probes:

- Type: Model 850, ME 2.5kg, \varnothing 63.5mm, IEC 61340-2-3, -4-1
 Wolfgang Warmbier GmbH & Co. KG

Insulating mount:

- Type: 2 plane PTFE-Sheets with $R > 10^{14}\Omega$
- Dimensions: 1210mm x 1200mm (\pm 5mm)
- Thickness: 5mm (\pm 1mm)

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

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

Fraunhofer Institute for Manufacturing Engineering and Automation IPA

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 Report No. first document

Stuttgart, January 30, 2026
 Place, date of first document issued

Business unit Testing and Certification

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 Report No. current document

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 Place, current date

Nobelstrasse 12
 70569 Stuttgart
 Germany

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