



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Knauf AMF GmbH & Co. KG  
THERMATEX Antaris B  
Report No. KN 1304-645

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Knauf AMF GmbH & Co. KG**  
Grafenau, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number KN 1304-645.

The ceiling system THERMATEX Antaris B is suitable for use in cleanrooms fulfilling the Air Cleanliness Class 3 according to ISO 14644-1. It must be pointed out, that according to ISO 14644-1 cleanrooms classes 1 to 5 have a high number of filters, which makes the use of ceiling elements partly impossible. Cleanrooms with horizontal laminar flow are an exception.

A visual inspection of the ceiling system in accordance with VDI 2083 Part 9.1 revealed that the cut edges of the ceiling panels are not sealed. This may lead to increased particle emission, especially during assembly or disassembly. It is essential that damage to the cut edges during handling processes is avoided at all costs because this could also have a negative impact on the particle emission behavior of the ceiling panels when in use. Both points are considered to be critical during cleanroom use.

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

Stuttgart, June 21, 2013

i.A.   
Project manager

DUPLICATE

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

Further information:  
[www.tested-device.com](http://www.tested-device.com)