



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Knauf AMF GmbH & Co. KG  
TOPIQ Efficient pro Hygena  
**Report No. KN 1511-790**

### Particle Emission

### 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 1511-790.

When operated under the specified test conditions, the ceiling system TOPIQ Efficient pro Hygena (Exposed System, VENTATEC – Performance T24), color: white, similar to RAL 9010, is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Structure-borne noise = 5 to 50 Hz	4
<b>Overall result</b>	<b>4</b>

The high filter occupancy generally renders it impossible to use ceiling panels in Class 1 to 5 clean rooms (according to ISO 14644-1). The unsealed cut edges of the ceiling panels could be a source of particulate contamination.

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

Stuttgart, February 29, 2016

on behalf of   
Frank Bürger, Project manager Fraunhofer IPA

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)