



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Knauf Ceiling Solutions  
THERMATEX Alpha One  
**Report No. KN 2308-1449**

### Single product Particle Emission

### Qualification Certificate

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

**Knauf Ceiling Solutions GmbH & Co. KG**  
Grafenau Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number KN 2308-1449.

The ceiling system THERMATEX Alpha One was assessed in  
compliance with ISO 14644-14. When operated under the  
specified test conditions, it 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 = approx. 50Hz | 5                     |
| Overall result                       |                       |

The test result may be affected by the surrounding ceiling system.  
The cut edges/backside of the PO05 consist of very porous material.  
This is to be considered critical in clean/hygienic areas.  
Please note: Transport damages, incorrect installation, aging  
behavior, corrosion etc. can influence the test result.

KN 1804-1030  
Report No. first document

Stuttgart, June 28, 2018  
Place, date of first document issued

KN 2308-1449  
Report No. current document

Stuttgart, September 15, 2023  
Place, current date

on behalf of   
Dr.-Ing. Frank B rger, Project Manager Fraunhofer IPA

This document only  
applies to the named  
product in its original state  
and is valid for a period of  
5 years from the current  
date the 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.