

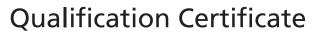
## Fraunhofer TESTED DEVICE

**Knauf Ceiling Solutions** Armstrong Perla OP 0.95 15 mm Report No. KN 2101-1202

## Single product **Particle Emission**

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.



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 2101-1202.

The ceiling system Armstrong Perla OP 0.95 15 mm 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<br>Class |
|---|--------------------------|
| Structure-borne noise = approx. 5 to 50Hz | 4                        |
| Overall result                            | 4                        |

It should be noted that cleanrooms of Class 1 to 5 according to ISO 14644-1 have a higher filter occupancy, which may restrict the use of panel ceiling systems. Cleanrooms with a horizontal displacement flow form an exception to this. The test result may be affected by the surrounding ceiling system.

Please note: Transport damages, incorrect installation, aging behavior, corrosion etc. can influence the test result.

KN 2101-1202 Report No. first document

Stuttgart, March 29, 2021 Place, date of first document issued

Report No. current document

Place, current date Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

