

**IBP** 

## Test Report P-BA 55/2018e

## Determination of the Acoustic Performance of a Wastewater Installation System in the Laboratory according to EN 14366

Institution for testing, supervision and certification, officially recognized by the building supervisory authority. Approvals of new building materials, components and types of construction

Director

Prof. Dr. Philip Leistner Prof. Dr. Klaus Peter Sedlbauer

Client: AENOR

Calle Génova 6. 28004 Madrid-Spain. Manufacturer: adequa

**Test object:** Wastewater installation system consisting of plastic pipes and fittings

"adequa AR PLUS EVACUACION 110 x 3.2, PVC, 17 13 3 07" (manufacturer: adequa) with acoustic pipe clamps "Bismat 1000"

(manufacturer: Walraven).

**Content:** Results sheet 1: Summary of test results

Figures 1 to 3: Detailed results
Figures 4 and 5: Test set-up

Annex A: Measurement set-up, noise excitation, acoustic

parameters, compliance with requirements

Annex F: Evaluation of measurements
Annex P: Description of the test facility
Annex V: Assessment according to VDI 4100

**Test date:** The measurement was carried out on March 13, 2018 in the test facilities

of the Fraunhofer Institute for Building Physics in Stuttgart.

Stuttgart, April 16, 2018

Responsible Test Engineer: Head of Laboratory:

The test was carried out in a laboratory, accredited according to DIN EN ISO/IEC 17025:2005 by DAkkS. The accreditation certificate is D-PL-11140-11-01.

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