

## Test Report P-BA 55/2018e

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

**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).

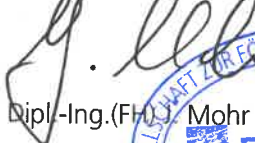
|                 |                  |                                                                                            |
|-----------------|------------------|--------------------------------------------------------------------------------------------|
| <b>Content:</b> | Results sheet 1: | 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<br>parameters, compliance with requirements |
|                 | Annex F:         | Evaluation of measurements                                                                 |
|                 | Annex P:         | Description of the test facility                                                           |
|                 | Annex V:         | Assessment according to VDI 4100                                                           |

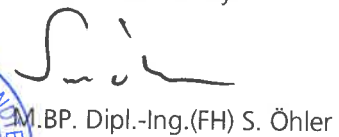
**Test date:** The measurement was carried out on March 13, 2018 in the test facilities  
of the Fraunhofer Institute for Building Physics in Stuttgart.

Stuttgart, April 16, 2018

Responsible Test Engineer:

Head of Laboratory:

  
Dipl.-Ing.(FH) J. Mohr

  
M.BP. Dipl.-Ing.(FH) S. Öhler



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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