

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  
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## 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).

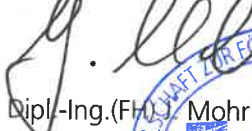
<b>Content:</b>	Results sheet 1:	Summary of test results
	Figures 1 to 3:	Detailed results
	Figures 4 and 5:	Test set-up
	Annex A:	Measurement set-up, noise excitation, acoustic parameters, compliance with requirements
	Annex F:	Evaluation of measurements
	Annex P:	Description of the test facility
	Annex V:	Assessment according to VDI 4100

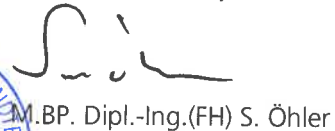
**Test date:** The measurement was carried out on March 13, 2018 in the test facilities of the Fraunhofer Institute for Building Physics in Stuttgart.

Stuttgart, April 16, 2018

Responsible Test Engineer:

Head of Laboratory:

  
Dipl.-Ing.(FH) S. Öhler

  
M.B.P. 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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