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NOISE LAB

Referring to REPORT Number

A-2019LAB-024-H547-42963_E

ANNEX ASTM: results according ASTM standards

This annex to referring report (see above) is **not** under ISO 17025 accreditation.
It contains the calculated results of the laboratory measurement of airborne sound transmission, according ASTM standards.

Standard method

The airborne sound transmission loss was measured approaching the standard ASTM E90-09.
It was performed as a single direction measurement.

Single rating numbers

Evaluation according to ASTM E413-10 defines the single-number rating, STC (sound transmission class).
The values obtained in accordance with ASTM E90-09 are compared with a reference sound insulation contour at the frequencies of measurement within the range 125Hz to 4000 Hz for measurements in one-third octave bands.
Please see ASTM 413-10 for details of the calculation of the single-value indicator.

Test arrangement

For info concerning the measuring equipment, environmental conditions during the test, test set-up, description of product: see referring report mentioned above).

MEASUREMENT AND CALCULATION DETAILS

The results as presented here relate only to the tested items and laboratory conditions as described in the referring report.

Result: Single number rating according to ASTM E413-10

Sound transmission class:

STC =	69 dB
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