

Preliminary information

Venue Sound Baffle LT05



Product specifications

Sizes:

- **Dimensions VSB**
 - o **2m00 x 1m35 x 0m05 (lxbxh), 4,8 kg (1,77 kg/m2)**
 - o **3m00 x 1m35 x 0m05 (lxbxh), 7,2 kg (1,77 kg/m2)**

Other sizes on request

Fire:

- **EN ISO 6941 – Dimensions flame spread time of vertically oriented textiles and industrial products. Report available on request**



Acoustical properties

Project number	EA25-02708	Date	13 November 2025
Product	NedAcoustics Venue Sound Baffle LT05	Client	NedAcoustics B.V.

Test Setup

Measurements were carried out on the sound absorption and sound insulation performance of baffles manufactured by NedAcoustics for the Venue Sound Baffle LT05 product. Both the sound absorption and sound insulation were measured for a baffle with dimensions of 2000 × 1050 × 50 mm, representing height, width and depth respectively. Measurements were performed for both a single baffle and a double baffle configuration. In the double configuration, the fabric sides of the two baffles were positioned against each other.

The measurements were conducted with the baffles positioned centrally in a freestanding frame. The test room measured approximately 10 m wide, 25 m long and 13 m high, with very low reverberation of less than 1.2 seconds.

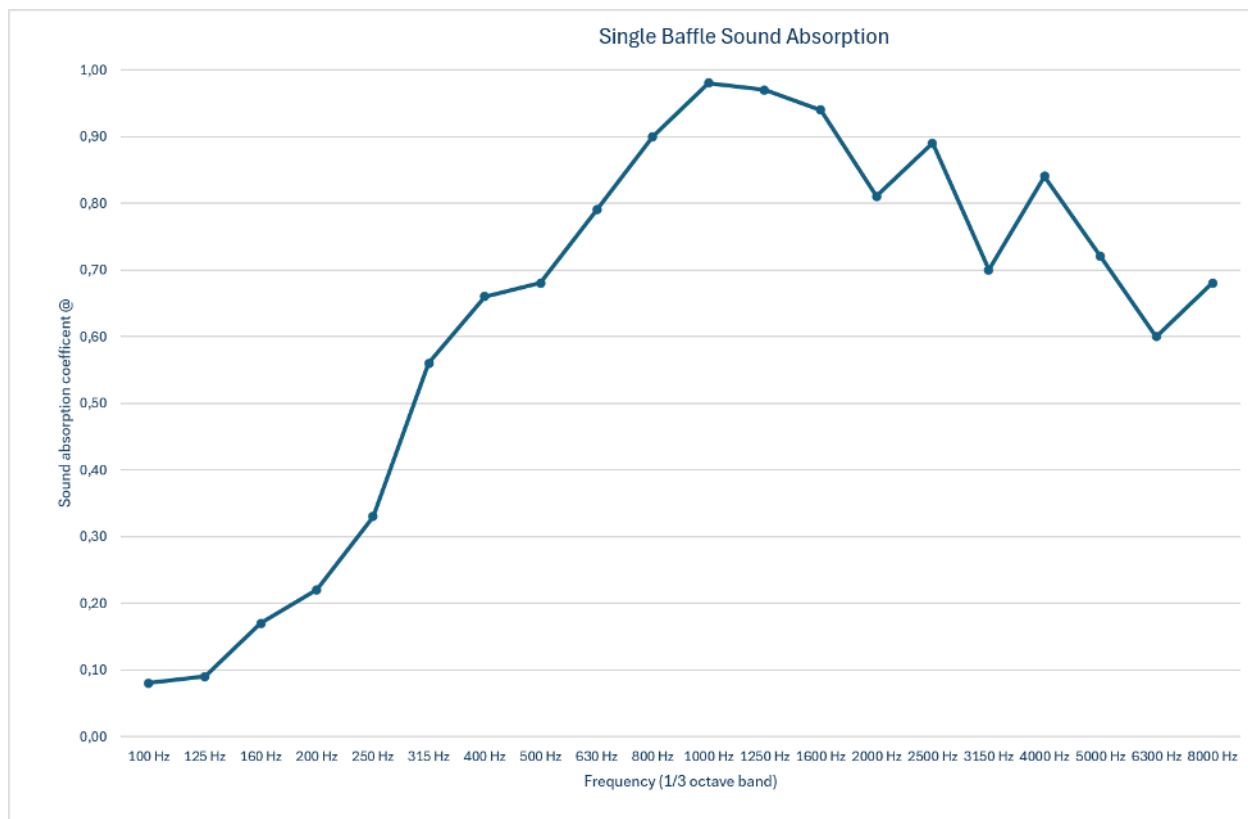
The measurements were performed using the SonoCat measurement system.

SonoCat is an advanced, portable measurement technique used to analyse the acoustic properties of sound and materials. It uses a spherical array of eight microphones to measure sound pressure, three-dimensional sound intensity and sound absorption in situ, meaning on location, without the need to transport materials to a laboratory. The technology is versatile, operates in real time and supports both stationary and portable measurements through a single USB connection and dedicated software.



Single Baffle Sound Absorption

Project number	EA25-02708	Date	13 November 2025	Signal	Pink noise
Product	NedAcoustics Venue Sound Baffle LT05		Dimensions: H 2000 × W 1050 × D 50 mm · Single, freely suspended configuration		

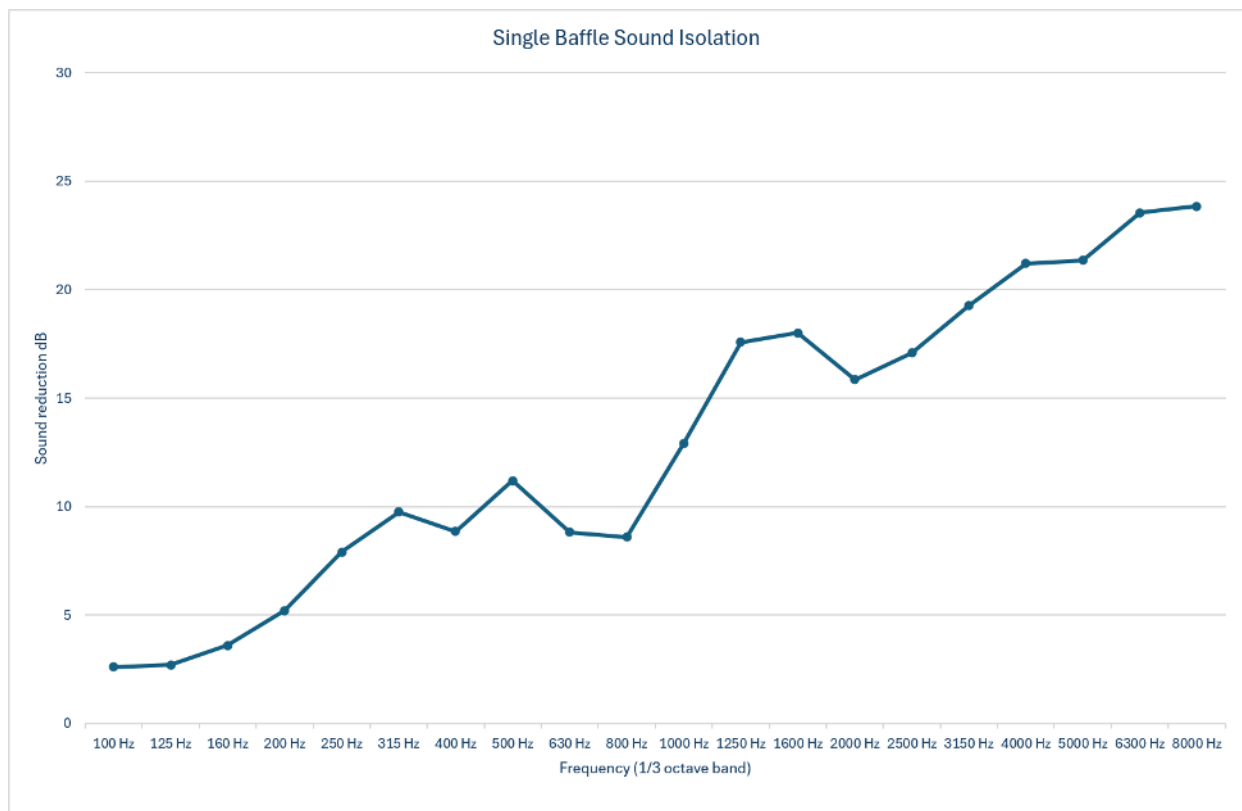


Frequency (1/3 oct)	Alpha
100 Hz	0,08
125 Hz	0,09
160 Hz	0,17
200 Hz	0,22
250 Hz	0,33
315 Hz	0,56
400 Hz	0,66
500 Hz	0,68
630 Hz	0,79
800 Hz	0,9
1000 Hz	0,98
1250 Hz	0,97
1600 Hz	0,94
2000 Hz	0,81
2500 Hz	0,89
3150 Hz	0,7
4000 Hz	0,84
5000 Hz	0,72
6300 Hz	0,60
8000 Hz	0,68



Single Baffle Sound Insulation

Project number	EA25-02708	Date	13 November 2025	Signal	Pink noise
Product	NedAcoustics Venue Sound Baffle LT05		Dimensions: H 2000 × W 1050 × 1 × D 50 mm · Single, freely suspended configuration		



Frequency (1/3 oct)	Transfer (dB)
100 Hz	3
125 Hz	3
160 Hz	4
200 Hz	5
250 Hz	8
315 Hz	9
400 Hz	8
500 Hz	9
630 Hz	9
800 Hz	8
1000 Hz	7
1250 Hz	11
1600 Hz	14
2000 Hz	14
2500 Hz	13
3150 Hz	16
4000 Hz	18
5000 Hz	20
6300 Hz	22
8000 Hz	22