

Actual sound insulation index, $D'p,w$, in accordance with ISO 11957:1996 "Acoustics."
Determination of the sound insulation properties of booths, under laboratory and in-service conditions.

Customer: SIA ARKA AK

Measurement date:

2025.g.17. march

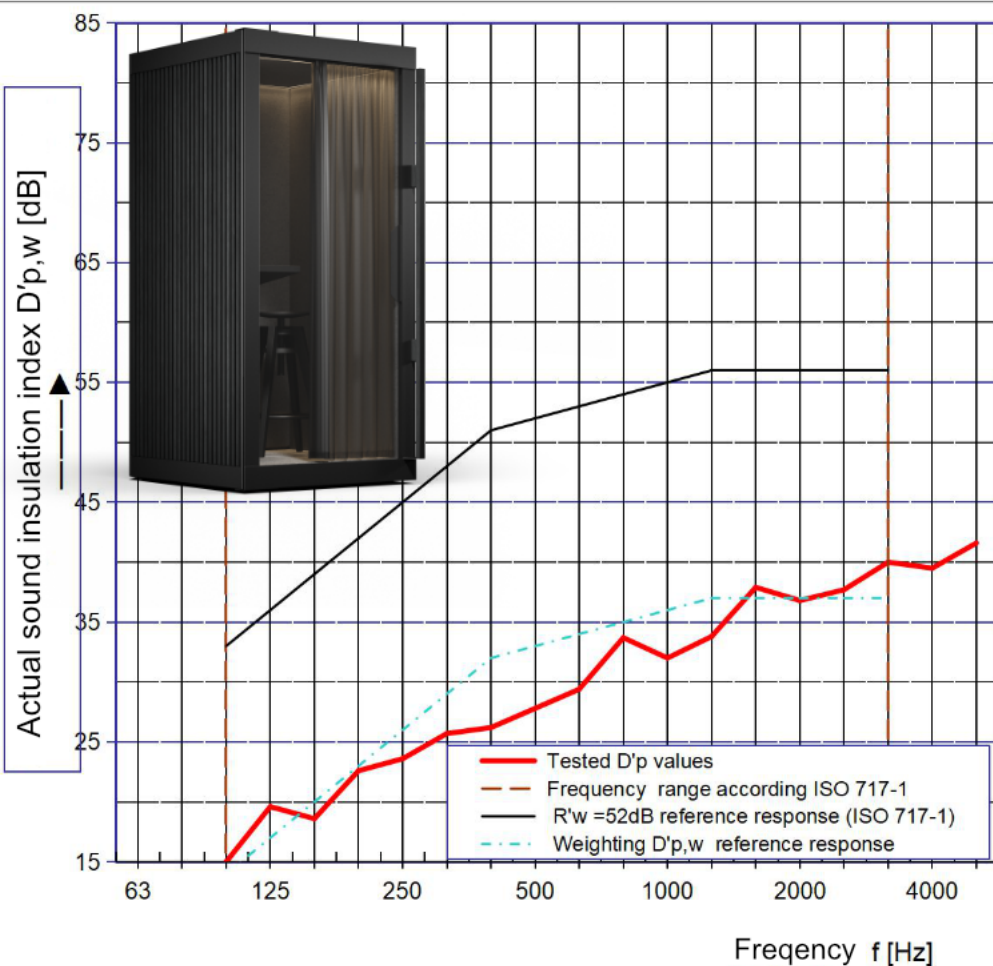
Identification and description of testing place.

Original sample No. 1175-1.
Ata Kronvalda iela 40_11, Cēsis.
Booth sound insulation:

Sound source room: Hangar space

Receiving room: ARKA SPACES SOLO

Frequency f [Hz]	$D'p$ ½ octaves [dB]
50	8,9
63	12,8
80	8,9
100	15,0
125	19,6
160	18,6
200	22,6
250	23,6
315	25,7
400	26,2
500	27,8
630	29,4
800	33,7
1000	32,0
1250	33,8
1600	37,9
2000	36,8
2500	37,7
3150	40,0
4000	39,5
5000	41,6
6300	-
8000	-
10000	-



Actual sound pressure insulation index, $D'p,w$, weighted in accordance with the requirements of LVS EN ISO 717-1:

$D'p, W = 33$ dB

Assessed based on the engineering method:
 measurement results in buildings (in situ).

R&D Akustika Ltd. Acoustics laboratory T-282
http://www.akustika.lv/rdindex_lv.html

Issuance
 date:

17/03/2025