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Faculty of Mechanical Engineering and Robotics
Department of Mechanics and Vibroacoustics
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Orderer:
VANK sp. z o.o.
ul. Sarbinowska 11, Łowęcin
62-020 Swarzędz

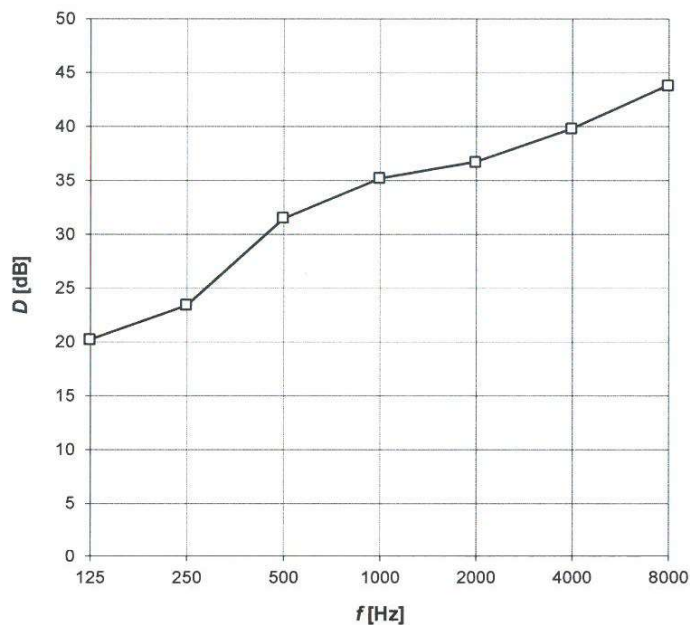
Determination of speech level reduction of a cabin according to ISO 23351-1

Name of the cabin:
VANK_WALL (3)
Manufacturer:
VANK sp. z o.o.
ul. Sarbinowska 11, Łowęcin
62-020 Swarzędz

Test Date: 23.03.2021
Dimensions, mm 1370x810x2380 mm

Sample description:
Acoustic box with multilayer body:
- wood-based construction
- acoustic panels made of non-woven polyester
- steel frame with tempered safety glass
- soundproofed ventilation system
- equipped with lighting and media ports

Frequency	Reduction of sound power level
f	D
Hz	dB
125	20,2
250	23,4
500	31,5
1000	35,2
2000	36,7
4000	39,8
8000	43,8
$D_{s,A}$	30,7
Class	A



f Middle frequencies of octave bands, in Hz
 D Reduction of sound power level, dB
 $D_{s,A}$ Reduction of speech level, dB

Stamp:
AKADEMIA GÓRNICZO-HUTNICZA
im. Stanisława Staszica w Krakowie
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