

TABIABSORBER – 5mm
AMC MECANOCAUCHO®



TABIABSORBER

DETERMINATION OF THE IMPACT SOUND LEVEL REDUCTION

The measurements were carried out in the spirit of the ISO 16251-1: 2014 standard. The determination of the impact sound level reduction was calculated according to the ISO 717-2: 2013 standard.

MEASURING EQUIPMENT USED

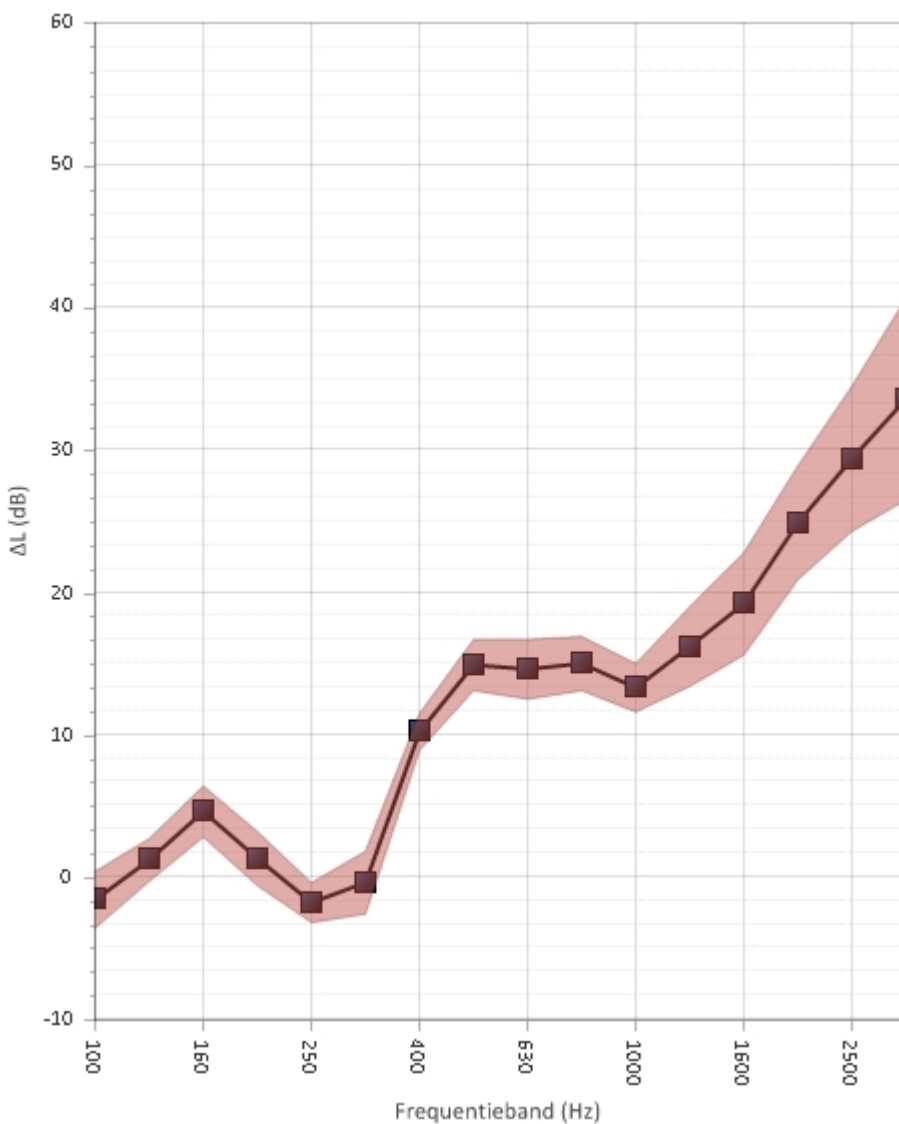
Measurement system	SINUS Messtechnik Soundbook (06150)
Accelerometers	Monitran MTN / 1010 (368053)
	Monitran MTN / 1010 (368056)
	Monitran MTN / 1010 (368057)
	Monitran MTN / 1010 (393201)
Calibrator	MMF VC10 (005037)
Hammer knocker	Hammer hammer type 211 (15306)
Laboratory	EVA-International, Steenkaai 32, B-8000 Bruges (Belgium)



TEST REPORT

Name: AMC Tabiabsorber 5

Printing layer: Concrete (100 kg)



f (Hz)	ΔL (dB)	3 x σ (dB)
100	-1.6	± 2.0
125	1.2	± 1.5
160	4.6	± 1.8
200	1.3	± 1.9
250	-1.8	± 1.4
315	-0.4	± 2.2
400	10.2	± 1.3
500	14.9	± 1.8
630	14.6	± 2.1
800	15.0	± 1.9
1000	13.3	± 1.7
1250	16.2	± 2.8
1600	19.2	± 3.6
2000	24.9	± 4.0
2500	29.4	± 5.1
3150	33.6	± 7.1

$\Delta L_w = 16 (\pm 1.5) \text{ dB}$

$C_{i,\Delta} = 11 \text{ dB}$

$\Delta L_{lin} = 6 \text{ dB}$

The uncertainty was determined for the repeatability of the measurement setup. The confidence level is 99%.



Aplicaciones Mecánicas del Caucho S.A.
Industrialdea Parc. 35 A. • E-20.159
ASTEASU (Gipuzkoa) Spain
Tel.: + 34 943 69 61 02 • Fax: + 34 943 69 62 19
e-mail: sales@amcsa.es
www.akustik.com
www.mecanocaucho.com