

TABIABSORBER – 10mm
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

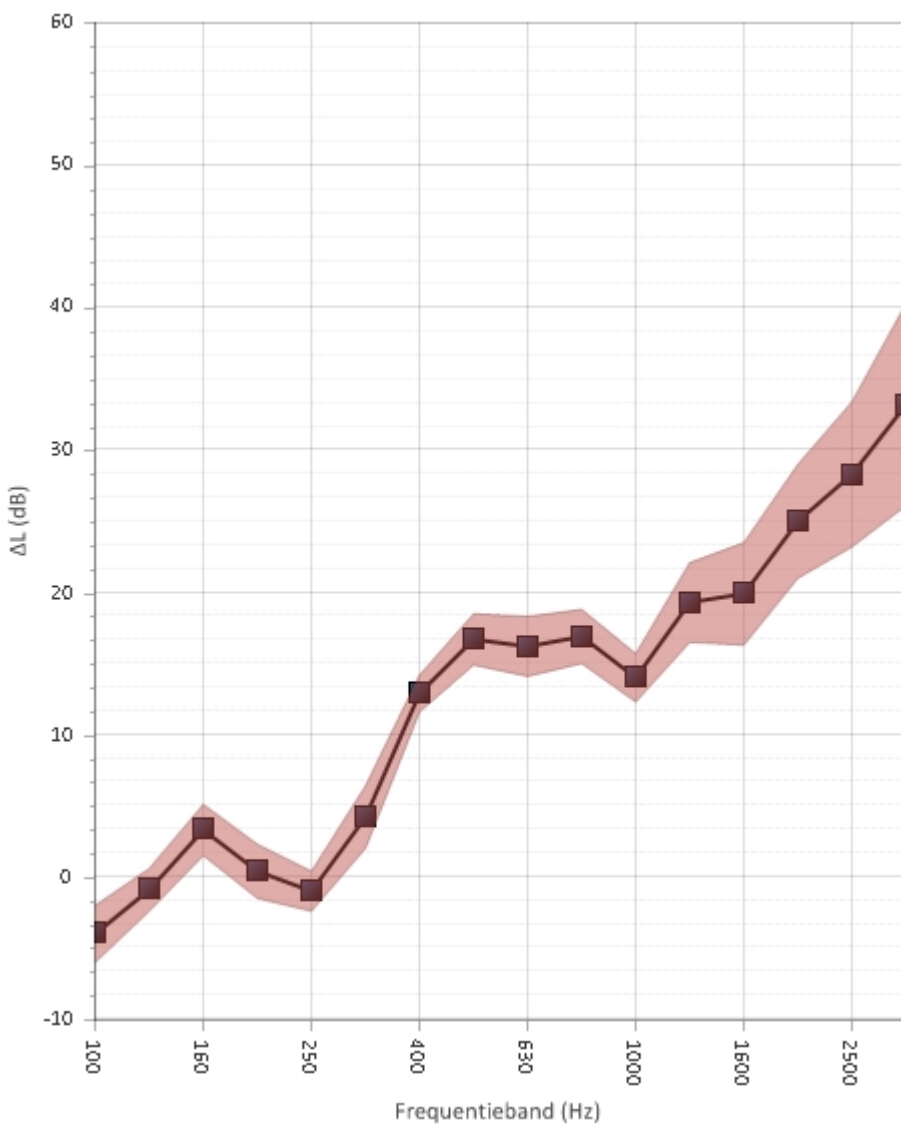
| | |
|---------------------------|--|
| Measurement system | SINUS Messtechnik Soundbook (06150) |
| Accelerometers | Monitran MTN / 1010 (368053) |
| | Monitran MTN / 1010 (368056) |
| | Monitran MTN / 1010 (368057) |
| | Monitran MTN / 1010 (393201) |
| Calibrator | MMF VC10 (005037) |
| Hammer knocker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



TEST REPORT

Name: AMC Tabiabsorber 10

Printing layer: Concrete (100 kg)



| f (Hz) | ΔL (dB) | 3 x σ (dB) |
|--------|---------|------------|
| 100 | -4.0 | ± 2.0 |
| 125 | -0.9 | ± 1.5 |
| 160 | 3.3 | ± 1.8 |
| 200 | 0.4 | ± 1.9 |
| 250 | -1.0 | ± 1.4 |
| 315 | 4.2 | ± 2.2 |
| 400 | 12.9 | ± 1.3 |
| 500 | 16.7 | ± 1.8 |
| 630 | 16.2 | ± 2.1 |
| 800 | 16.9 | ± 1.9 |
| 1000 | 14.0 | ± 1.7 |
| 1250 | 19.3 | ± 2.8 |
| 1600 | 19.9 | ± 3.6 |
| 2000 | 25.0 | ± 4.0 |
| 2500 | 28.3 | ± 5.1 |
| 3150 | 33.2 | ± 7.1 |

$\Delta L_w = 17 (\pm 1.5) \text{ dB}$

$C_{1,\Delta} = -12 \text{ dB}$

$\Delta L_{lin} = 5 \text{ dB}$

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