

Akustik + Sylomer® acoustic hangers exceed the class A* recommendation of the German Acoustic Society DEGA.

Latest research carried out in IFT Rosenheim on ceilings with timber joists and acoustic ceiling systems show that very high noise reduction can be achieved by using Sylomer® Acoustic Hangers from AMC MECANOCAUCHO®.

The new recommendation number 103 of DEGA (2018) includes the higher quality class A* to designate the highest comfort level in noise reduction:

AIRBORNE NOISE REDUCTION CLASSES:

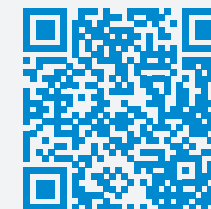
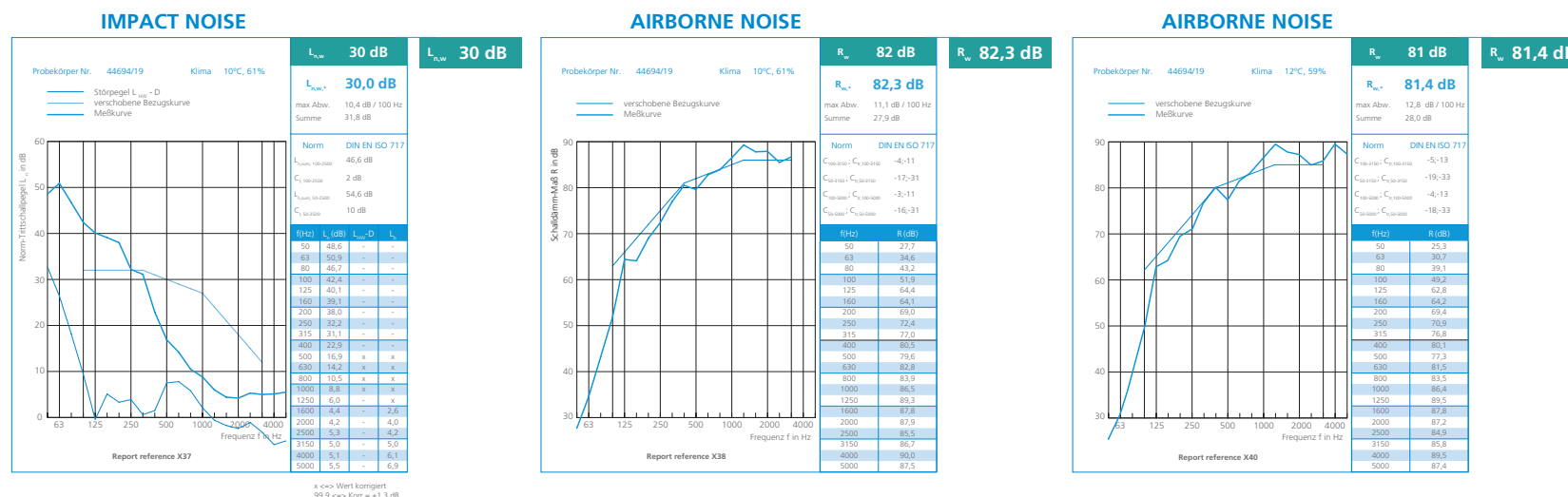
F	E	D	C	B	A	A*
< 50 dB	≥ 50 dB	≥ 54 dB	≥ 57 dB	≥ 62 dB	≥ 67 dB	≥ 72 dB

IMPACT NOISE LEVEL CLASSES:

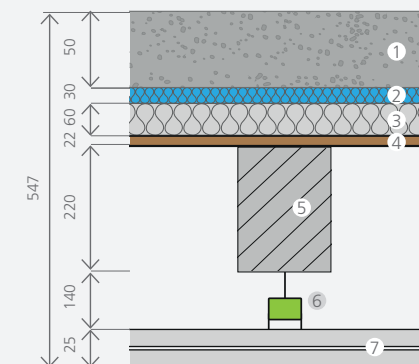
F	E	D	C	B	A	A*
> 60 dB	≤ 60 dB	≤ 50 dB	≤ 45 dB	≤ 40 dB	≤ 35 dB	≤ 30 dB

Source: DEGA Empfehlung 2018 (103), S.9

The tests carried out by IFT Rosenheim using the "AMC Acoustic Super T-60 + Sylomer® 30" acoustic hangers reached an airborne noise reduction level of $R_w=82,3$ dB and an impact noise level of $L_{n,w}=30$ dB.



SCAN FOR FULL REPORT



AMC-MECANOCAUCHO ENGINEERS BASED IN UK, PROVIDE INSTALLATION ADVICE AND ASSISTANCE TO UK AND IRELAND VWORK SITES TO ASSURE CORRECT INSTALLATION.

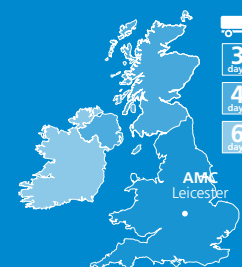


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- 1 Mortar (50 mm, 120Kg/m²)
- 2 Elastic thermal isolator (30 mm, 5,2Kg/m²)
- 3 Fibre cement (60mm, 89,3Kg/m²)
- 4 Chipboard (22mm, 13,3Kg/m²)
- 5 Timber joists (80mm, 220mm)
- 6 Akustik+Sylomer® 30 & profiles
- 7 Plasterboards (25mm, 20,6Kg/m²)