

<u>DAMTEC</u>® system

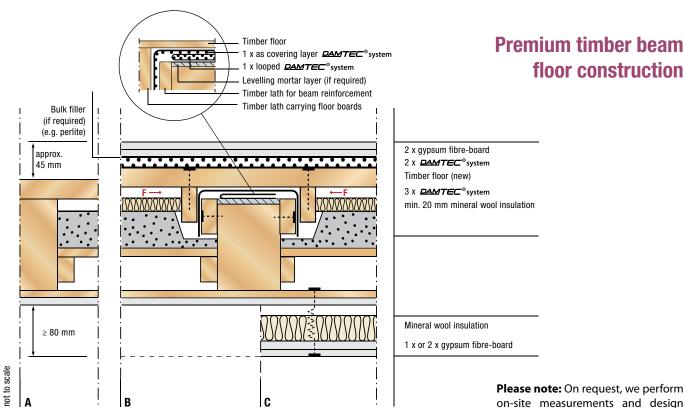
The rubber granule mat for impact sound insulation systems.

Advantages at a glance:

- minimal build height
- low weight
- low sound propagation
- excellent functionality and design safety

Damtec® system is the premier solution for impact sound insulation for installation under floating screeds in timber constructions. Thanks to its granule surface structure, it offers exceptionally effective insulation in the low frequency range. The product is the ideal solution for installation on timber beam floors where impact sound insulation is of primary importance. **Damtec® system** is particularly suitable for renovation projects.

floor construction



Please note: On request, we perform on-site measurements and design

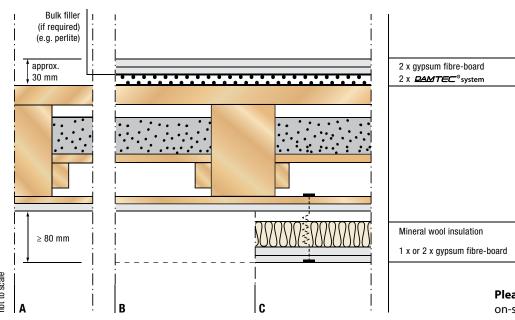
customised solutions. These services

are available at a surcharge.

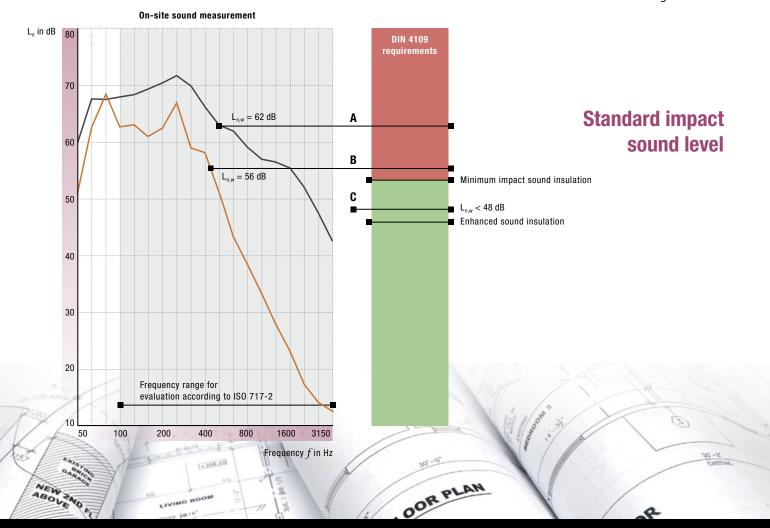
On-site sound measurement L_n in dB DIN 4109 requirements 70 **Standard impact** = 62 dBΑ sound level 60 Minimum impact sound insulation 50 Enhanced sound insulation =42 dBВ 40 C $L_{\text{n,w}} < 34 \text{ dB}$ 30 20 Frequency range for evaluation according to ISO 717-2 STEE 400 800 1600 3150 Frequency f in Hz 3

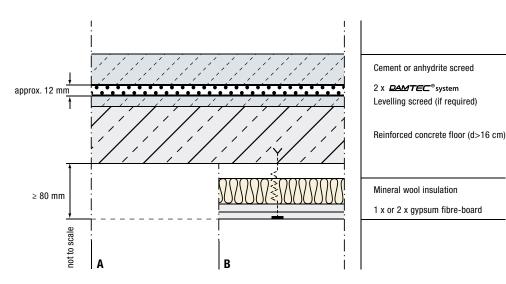


Standard timber beam floor construction



Please note: On request, we perform on-site measurements and design customised solutions. These services are available at a surcharge.





Solid floor construction

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On-site sound measurement L_n in dB 80 DIN 4109 requirements 70 **Standard impact** 60 sound level Minimum impact sound insulation 50 =46 dBEnhanced sound insulation $L_{n,w} < 43 \text{ dB}$ В 40 30 20 Frequency range for evaluation according to ISO 717-2 10 100 800 1600 3150 Frequency f in Hz



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