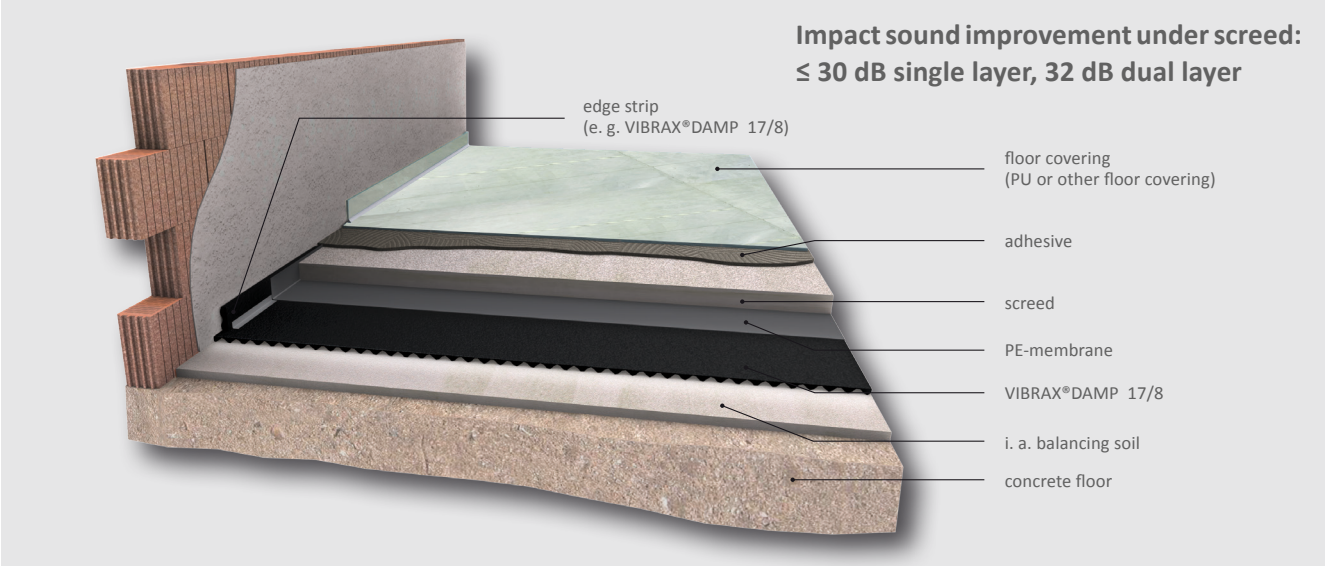
Impact sound insulation

Data specification – VIBRAX®DAMP 17/8



Technical characteristics

Material	High-grade granules and fibres of recycled rubber with PU elastomer bonding agent
Density	500–600 kg/m³
Weight	5.8–8 kg/m²
Thickness	17/8 mm (± 1.0 mm)
Roll width	1‘250 mm (±1.5 %)
Roll length	8‘000 mm (±1.5 %)
Surface	Smooth with granulate structure
Undersurface	Wave cut
Colour	Black
Static range of use	0.1 N/mm² (Dependence EN 826)
Deflection	20 % at 0.03 N/mm²
Dynamic stiffness [(1)]	17/8 mm < 15 MN/m³ (EN 29052)
Temperature resistance	–40 °C up to + 80 °C
Impact sound improvement Δ L_w [(1)]	26 dB single layer (below 50 mm screed, 106 kg/m²) 32 dB double layer (below 60 mm screed, 130 kg/m²) 30 dB single layer (below 80 mm screed, 179 kg/m²)

[(1)] Values for impact sound improvement Δ L_w and dynamic stiffness depending on the material thickness, screed thickness and general flooring used

Make use of our specialists on impact sound insulation

The subject matter experts from the mageba team are happy to guide you through the process of choosing your best fit. We offer a specific application engineering consulting for an ideal impact sound insulation. Our team takes i. e. sound engineering requirements, existing or planned flooring systems or floor coverings and the necessary screed thicknesses in consideration to assure a holistic product offering. Our experience proofed that our involvement in the early planning phase can avoid errors. Such errors are likely to lead into cost-intensive mark-up solutions that could be avoided upfront.

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