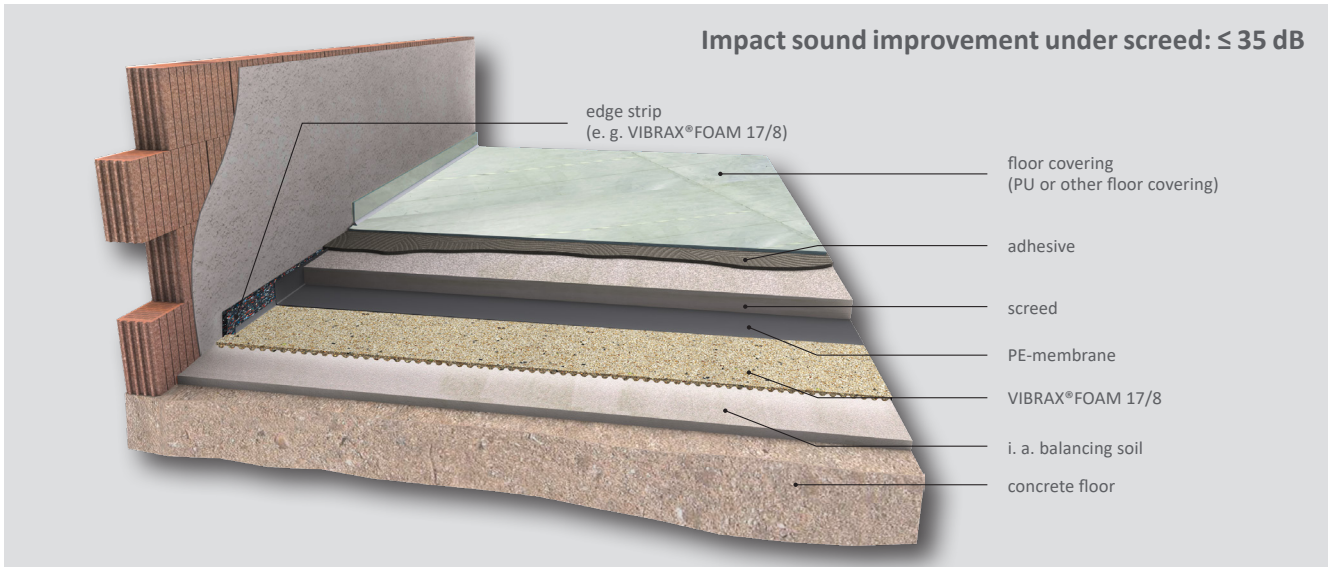




# Data specification – VIBRAX® FOAM 17/8



## Technical characteristics

Material	Compound of high-grade recycled polyurethane foam and cork with PU elastomer bonding agent
Density	300–400 kg/m <sup>3</sup>
Weight	3.45–5.49 kg/m <sup>2</sup>
Thickness	17/8 mm
Roll width	1'250 mm (±1.5 %)
Roll length	8'000 mm (±1.5 %)
Surface	Smooth with granulate structure
Undersurface	Wave cut
Colour	beige/brown (Change in colour due to sunlight. This has no influence on quality and technical values)
Tensile strength	approx. 0.4 N/mm <sup>2</sup> (ISO 1798)
Elongation at break	approx. 40 % (ISO 1798)
Static range of use	0.02 N/mm <sup>2</sup> (dependence EN 826)
Deflection	<10 % at 0.005 N/mm <sup>2</sup>
Dynamic stiffness <sup>(1)</sup>	10 MN/m <sup>3</sup>
Temperature resistance	–30 °C up to + 80 °C
Fire behaviour	E <sub>fl</sub> (ISO 11925/EN 13501)
Impact sound improvement $\Delta L_w$ <sup>(1)</sup>	32 dB (below 50 mm screed, 102 kg/m <sup>2</sup> ) 35 dB (below 80 mm screed, 179 kg/m <sup>2</sup> )

<sup>(1)</sup> Values for impact sound improvement  $\Delta L_w$  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.

