

SLITRACK USP B

VIBRATION CONTROL

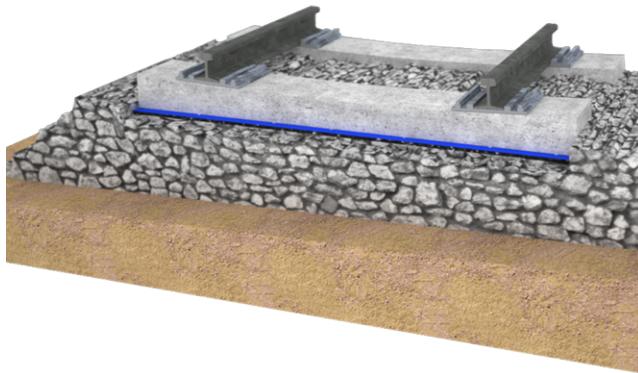


VIBRATION INSULATION MAT FOR RAILWAY AND TRAMWAY STRUCTURES



■ TECHNICAL SPECIFICATION

10 mm thick anti-vibration panels, made of fibres and granules of SBR rubber (Stirene Butadiene Rubber) and/or EPDM (Ethylene Propylene Diene Monomer), selected and compacted using a polyurethane glue in a hot process; density 900 kg/m³. A non-woven, nonstretch synthetic membrane is applied on both sides of panel, for added protection.



■ PROTECTION

The use of our protective mat guarantees high resistance to punching, extending the life of the railway ballast system

■ FLEXIBILITY

The anti-vibration sistem suits all types of sleepers

■ DURABILITY

Resistant to atmospheric agents; the presence of the panel extends the life of the railway system.

■ TO BE USED WITH

Vibrations insulation for Under Ballast Mats (UBM) and Under Slab Mats (USM) solutions.

■ PHYSICAL CHARACTERISTICS

Nominal thickness	10 mm
Density	900 kg/m ³

Reaction to fire	B2
Quasi-static stiffness Ks*	0,24 N/mm ³

*Ks (N/mm³) calculated as EN16730.

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■ FATIGUE TEST ON CONCRETE SLEEPER WITH GBP

EN 16730

Quasi-static stiffness variation (%) $\leq 25\%$

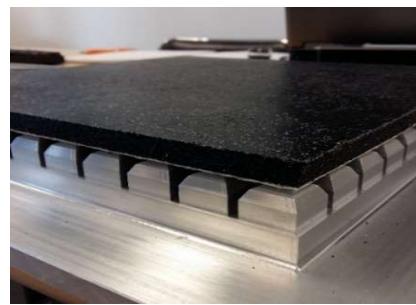
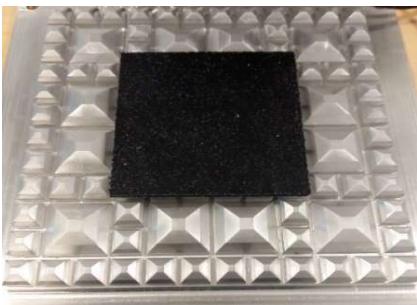
Dynamic stiffness variation (%) $\leq 15\%$

■ STOCKING CAPACITY

EN 16730

Quasi-static stiffness variation (%) $\leq 30\%$

Dynamic stiffness variation (%) $\leq 15\%$



■ ENVIRONMENTAL CONDITIONS TEST

EN 16730

Dynamic stiffness variation (%) $\leq 15\%$

Pull-out $\sigma_{Min} \geq 0,40 \text{ N/mm}^2$

