

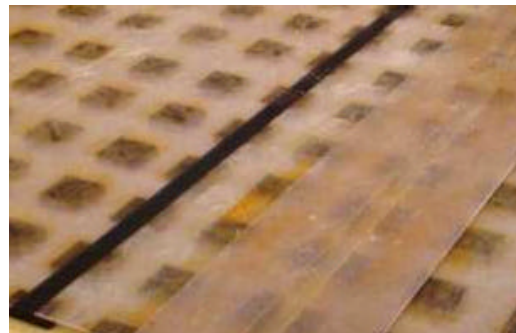
CDM-ISO-BAM-P



Level 3 Intervention Discrete Pad Ballast Mat

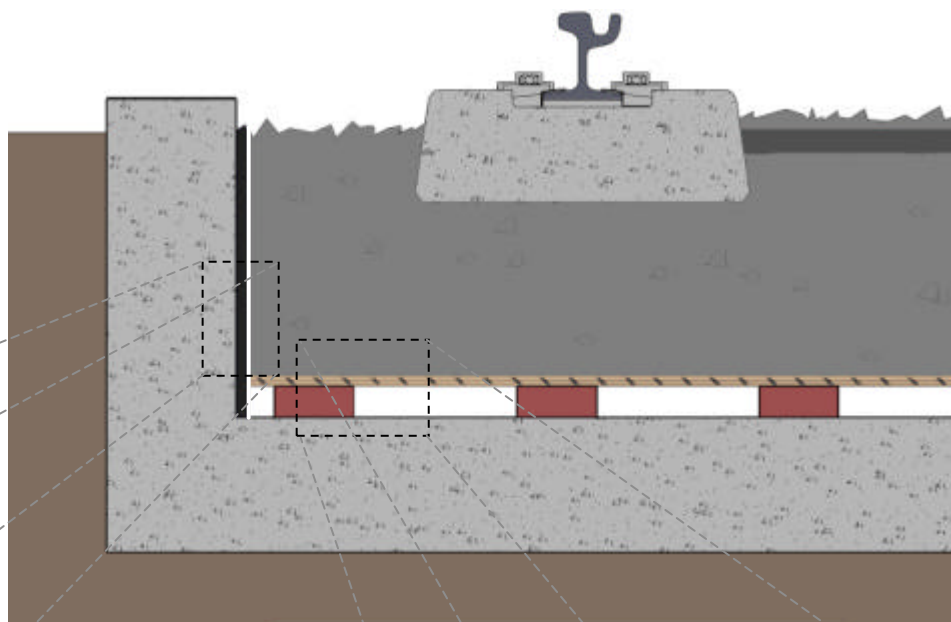


The **CDM-ISO-BAM-P** is a Discrete Pad Ballast Mat which is specifically designed for reducing the vibrations caused by rolling stock (trams and trains). **CDM-ISO-BAM-P** consists of discrete resilient bearings fixed to the under-side of formwork panels. These are used in conjunction with continuous mat isolation on the vertical sides of the ballast pit. The system provides a high performance mass-spring-mass system, resulting in low resonant frequencies and high isolation efficiency.



view of an installed **CDM-ISO-BAM-P**

- The **CDM-ISO-BAM-P** achieves an insertion loss of approximately 15 dBV in the important frequency range
- The **CDM-ISO-BAM-P** system can be designed to accommodate site specific characteristics and performance requirements



The **CDM-ISO-BAM-P** consists of (from bottom to top):

- Resilient bearings
- Formwork panel, eg. a glass-fibre polyester reinforced sheet
- Protection mat, consisting of a bituminous layer with geotextile
- Continuous ballast mats, **CDM-ISO-BAM-C**, are used for the vertical surfaces of the ballast pit

CDM-ISO-TRACK

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