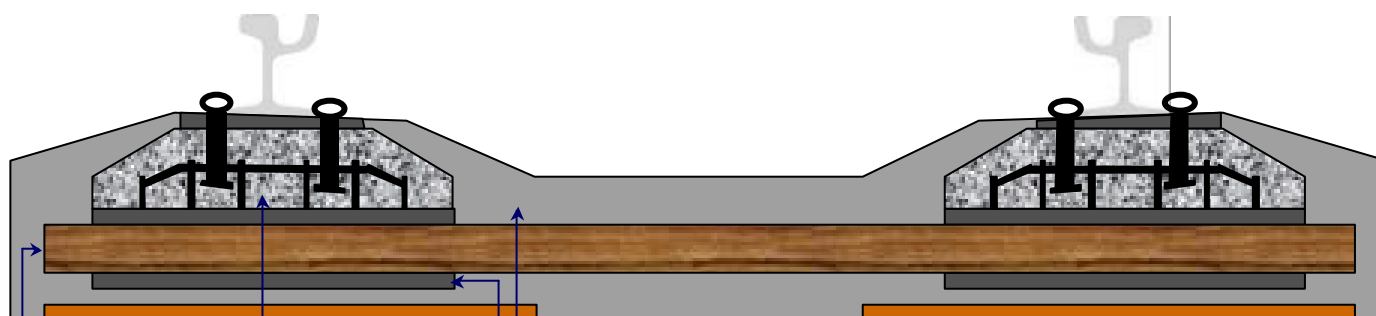


# CDM-ISO-SILENTSLEEPER®



## Level 2 Intervention Silent Sleeper

The **CDM-ISO-SILENTSLEEPER®** is a new resilient sleeper designed to reduce the vibration transmission of rolling stock (trams and trains). The classic concrete sleeper is replaced by a flexible sleeper, which is designed to accommodate the large incident forces and also add a considerable amount of damping to the track.



### Design:

- Reinforced Concrete platform  
reinforcement welded on steel plates  
high strength concrete  
in compression when loaded
- Steel plates  
Bending stiffness under rail
- Wooden beam
- Recycled rubber mantle
- PU-mortar under rail

### Advantages:

- The **CDM-ISO-SILENTSLEEPER®** system provides significantly better dynamic properties of the rail track in comparison to a traditional concrete
- Changeable geometry, adaptable to the project specific requirements
- Ballast is not required when using the **CDM-ISO-SILENTSLEEPER®**
- Particularly useful in bridges, tunnels, stations, slab track
- The **CDM-ISO-SILENTSLEEPER®** reduces noise radiated from the track
- Straightforward installation
- The bearing structure is encapsulated making it last longer than traditional concrete sleepers



Changeable geometry: twin block

## CDM-ISO-TRACK

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