



ESS25

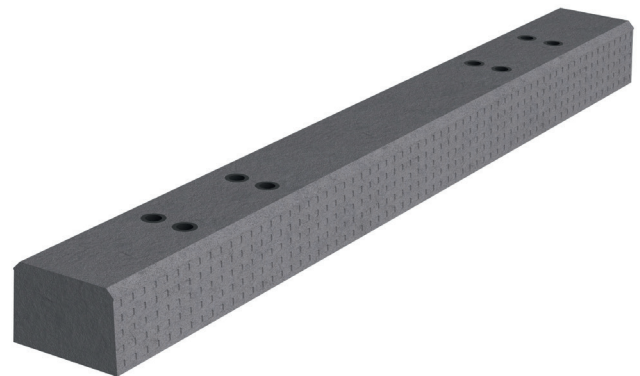
Embedded Sleeper System

Description

The embedded sleeper system ESS25 is designed for category A and B slab track applications according to EN 13481-5 standard.

The sleeper is suitable for tracks and turnouts and is fully embedded in the track. Indents on the side walls interlock with the surrounding concrete and require no additional reinforcement.

It can be used with direct and indirect fastening systems. The sleeper can optionally be produced in CEMIII.



Technical aspects of embedded sleeper system ESS25

- » typical field of application – Urban Traffic Metros
- » axle load – max. 160 kN
- » speed – max. 140 km/h
- » gauge – variable
- » electrical resistance $\geq 5 \text{ k}\Omega$
- » height – max. 220 mm
- » direct or indirect fastening system
- » rail inclination 1:20, 1:40, 1:80 or 1: ∞