



UFS25

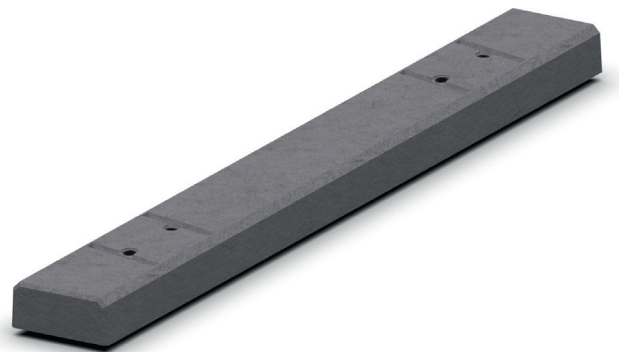
Concrete Sleeper

Description

The concrete sleeper UFS25 is a flat and light turnout/ track sleeper with fiber reinforced concrete.

The system is dedicated for conventional railways and metros where height and weight of sleepers shall be minimized. Typical field of applications are bridges or tunnels.

The mix design of concrete minimizes the CO₂ footprint by using CEMIII and steel fibers.



Technical aspects of concrete sleeper UFS25

- » typical field of application –
Conventional Rail and Urban Traffic Metros
- » axle load – max. 225 kN
- » speed – max. 250 km/h
- » gauge – variable
- » electrical resistance $\geq 5 \text{ k}\Omega$
- » height – max. 125 mm
- » weight – 90 kg/m
- » direct or indirect fastening system
- » rail inclination 1:20, 1:40, 1:80 or 1: ∞