

TECHNICAL DATA SHEET



PRODUCT NAME

Concrete Sleepers

COMPONENT

Railway Sleepers

CATEGORY

Underground Rails

COMPANY NAME

Zak Mining Support

PRODUCT OVERVIEW

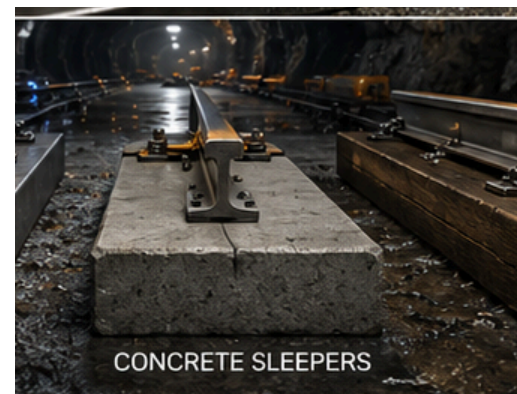
Concrete railway sleepers made in different sizes to accommodate weights of up to 10 tons.

10 T Zak Mining Support Sleeper:

- Suitable for axle loads greater than 5 tonnes and up to 10 tonnes.
- Handles over 500,000 tonnes per annum, including rolling stock.
- Mineclip clamping force: Maximum of 800 kg per clip.
- Typical haulage lifespan: Greater than 5 years.

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Packaging

Stack quantities vary based on the weight and size of the sleepers:

- 5-ton sleepers: Approximately 40 sleepers per pallet.
- 10-ton sleepers: Approximately 20–25 sleepers per pallet.



Design Features

- Sleepers are crafted using 60MPa concrete and reinforced with high-tensile prestress wires, delivering exceptional performance even under challenging rail track conditions.
- The 1:20 built-in ensures optimal rail-to-wheel contact for superior functionality.
- Equipped with an elastic rail fastening system, providing dependable clamping force for secure rail alignment.
- Integrated cast-in shoulders guarantee precise and consistent track gauge maintenance.
- The high mass of the sleeper enhances track stability for improved durability.
- Designed for reusability, offering a long lifespan and cost-effectiveness
- Gauge widening capability minimises wear on both wheels and rails, extending their service life.
- Manufactured under an ISO 9001:2000-certified Quality Management System to ensure reliability and excellence.