



CEM II/B-L 32.5N

CEMENT FOR RAILWAYS AND ROADS

BULK

MAIN APPLICATIONS

- Reinforced and mass concrete in big volumes
- Mass concrete foundations
- Soil-cement
- Gravel-cement
- Compacted concrete
- Soil stabilization
- Mortars and masonry in general

MAIN USAGE RESTRICTIONS

- Prestressed concrete
- High strength and emergency repair concrete
- Concrete for rapid removal of formwork and uncasing
- Shotcrete
- Structural precast concrete

PRECAUTIONS

- Store in a watertight and dry place
- Store preferably for less than three months
- Take care of the dosage, mixing and curing to avoid desiccation
- Store bags in a dry place, protected against rain and isolated from soil
- Do not mix with gypsum or other type of cement

SPECIFICATIONS

- Specifications EN 197-1:2011

Constituents:

- Clinker: 65-79%
- Limestone: 21-35%
- Minor constituents: 0-5%
- These values refer to the cement core excluding calcium sulphate or any other additive

Chemical requirements:

- Sulphates $\leq 3.5\%$
- Chlorides $\leq 0.10\%$

Mechanical requirements:

- Compression strength at 7 days ≥ 16.0 MPa
- Compression strength at 28 days ≥ 32.5 MPa ≤ 52.5 MPa

Physical requirements:

- Initial setting time ≥ 75 minutes
- Soundness ≤ 10 mm

