

CEM II/BL 32,5 R

UNE-EN 197-1: 2011



Recommended

- Constructions in mass or reinforced concrete in large volumes
- Soil-cement
- Gravel-cement
- Roller-compacted concrete
- Soil stabilisation, road bases and mass foundations
- Mortars and masonry in general

■ Contraindicated

- Prestressed concrete
- Concrete for rapid demoulding or removal of formwork or falsework
- Concrete for prefabricated prestressed structural elements
- High-strength concrete

■ Precautions

- Care in storage, dosing, mixing and duration of concrete transport
- Pay special attention to curing at early stages
- Prevent fissuring during the first few hours

Available in bulk and in 25 kg bags

TYPE CEM II

August 2020



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■ Components

- Clinker: 65 - 79% by mass.
- Limestone: 21 - 35% by mass.
- Additional components: 0 - 5% by mass.

These values exclude the setting regulator and additives.

■ Physical properties

- Initial setting time ≥ 75 minutes.
- End of setting ≤ 12 hours, according to Spanish Cement Reception Instruction RC-16.
Not specified in Standard UNE-EN 197-1.
- Expansion: (Le Chatelier) ≤ 10 millimetres.

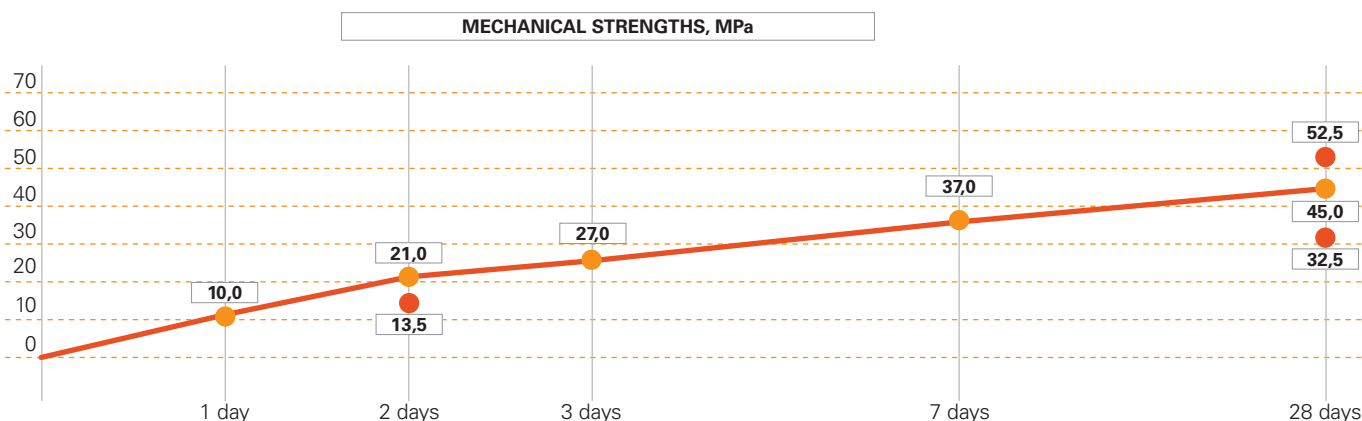
■ Chemical properties

- SO_3 : $\leq 3,50$ %
- Cl: $\leq 0,10\%$

■ Mechanical properties

(Compressive strength in normalised mortar)

- 2 days: $\geq 13,5$ MPa.
- 28 days: $\geq 32,5$ MPa.
 $\leq 52,5$ MPa.



● Minimum standard

● CEM II/BL 32,5 R Average results obtained in Cementos Lemona

*The indicated average strengths are given solely as a guideline, and should not be considered as an additional warranty or different from the standard itself.