

# CEM II/A-L 42,5 R

UNE-EN 197-1: 2011



## Recommended

- Constructions in mass and reinforced concrete in general
- Soil stabilisation
- Concrete paving for roads
- Mortars in general
- Concrete for non-structural prefabrications
- Prestressed concrete

## ■ Contraindicated

- Constructions in aggressive environments, soils and water
- High-strength concrete
- Concrete for prefabricated prestressed structural elements

## ■ Precautions

- Care in storage, dosage, mixing and curing
- Take the necessary measures to avoid fissuring due to shrinkage in the case of high-volume constructions or when high dosages are used

Available in bulk

## TYPE CEM II

August 2019



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## ■ Components

- Clinker: 80 - 94% by mass.
- Limestone: 6 - 20% by mass.
- Additional components: 0 - 5% by mass.

These values exclude the setting regulator and additives.

## ■ Physical properties

- Initial setting time  $\geq$  60 minutes.
- End of setting  $\leq$  12 hours, according to the specification of the Spanish "Marca N" regulation  
Not specified in Standard UNE-EN 197-1.
- Expansion: (Le Chatelier)  $\leq$  10 millimetres.

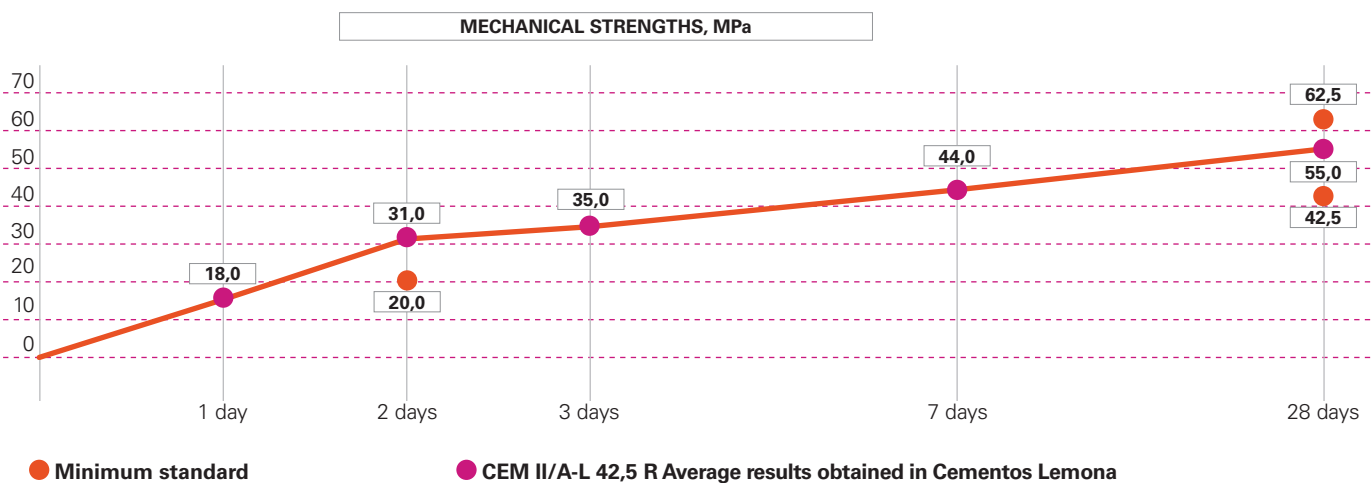
## ■ Chemical properties

- SO<sub>3</sub>:  $\leq$  4,0 %
- Cl:  $\leq$  0,10%

## ■ Mechanical properties

(Compressive strength in normalised mortar)

- 2 days:  $\geq$  20,0 MPa.
- 28 days:  $\geq$  42,5 MPa.  
 $\leq$  62,5 MPa.



\*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.