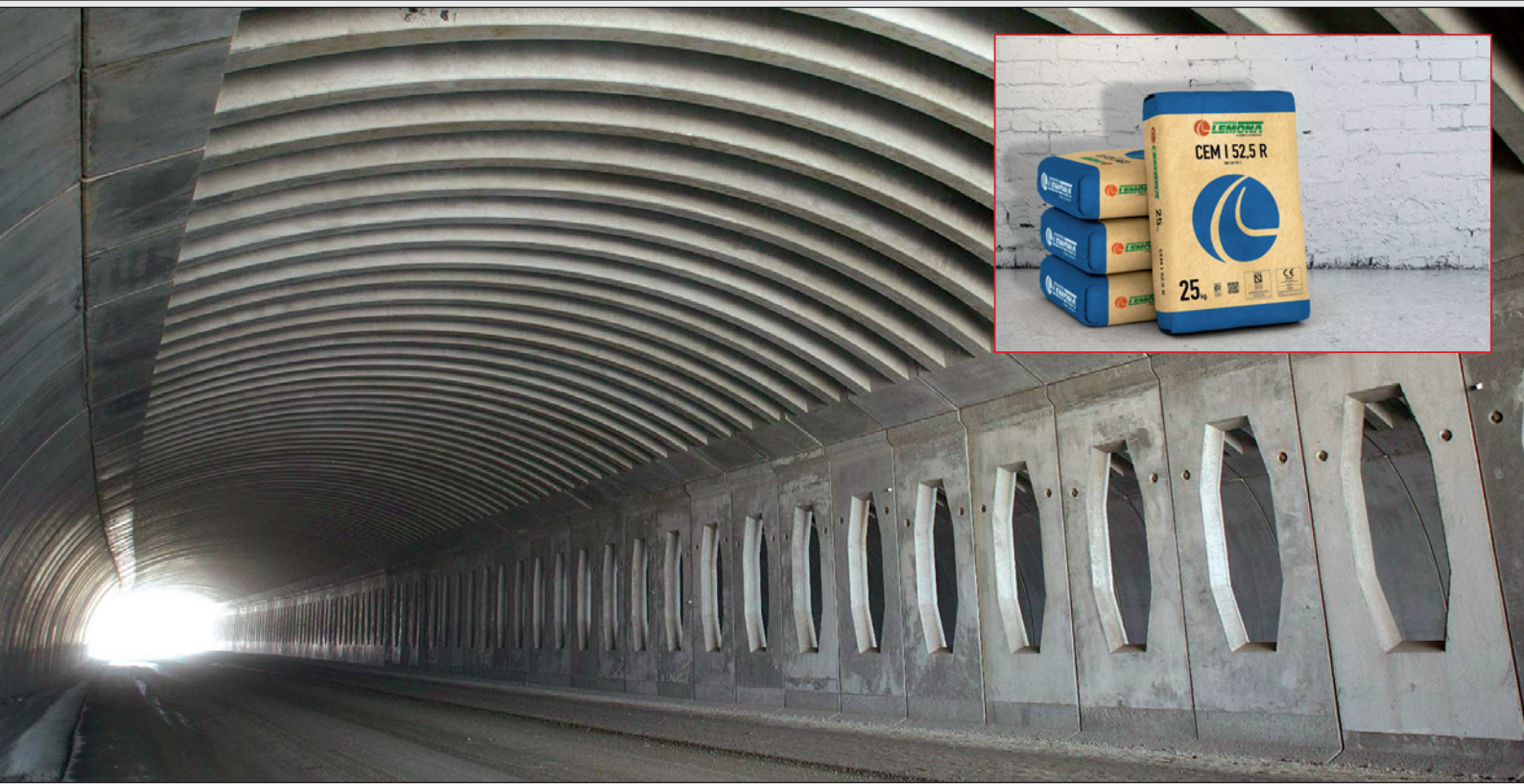


CEM I 52,5 R

UNE-EN 197-1: 2011

CEM I 52,5 R (ma)



Recommended for

- Reinforced and prestressed concrete structures high mechanical strength
- Structural and nonstructural precasting
- Quick emergency repairs
- Casting concrete
- Cold weather concrete

■ Restrictions

- Mass and reinforced concrete in large volumes
- Concrete structures in harsh environments, grounds and waters
- Base courses of roads treated with cement
- Dry compacted concrete

■ Precautions

- Handle carefully the storage, dosage, mixing and timely transportation of concrete
- Pay special attention to the curing process at early stages
- Avoid cracking during the first hours

Available bulk

TYPE CEM I

May 2020



CEM I 52,5 R

UNE-EN 197-1: 2011

CEM I52,5 R (ma)

■ Components

- Clinker: ≥ 95.0 % by mass
- Additional components: 0 - 5 % by mass

In these values are not included the setting regulator and the additives

■ Physical Testing Qualities

- Start of Setting time: ≥ 45 min.
- Soundness: ≤ 10.0 mm.

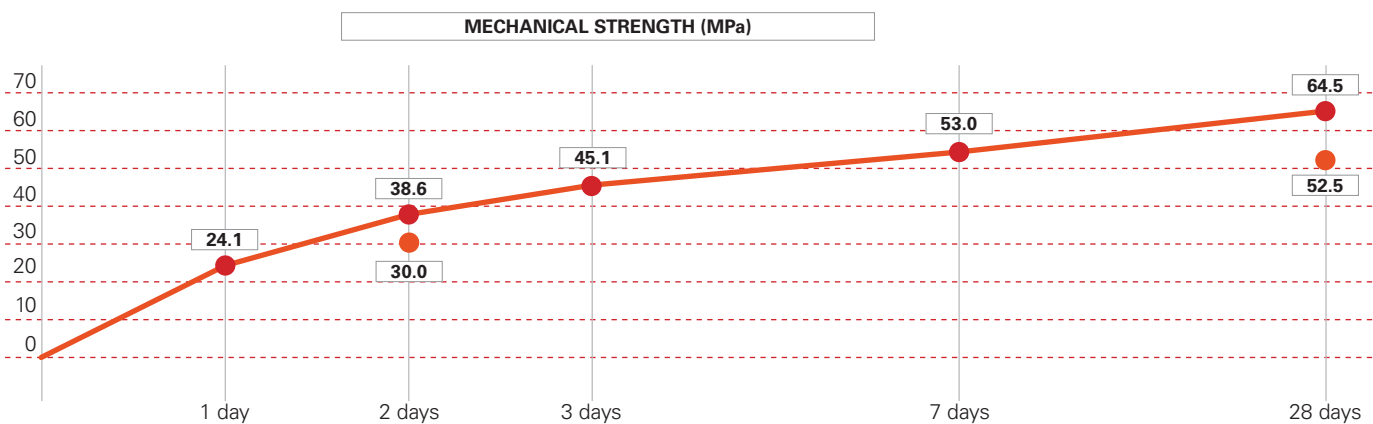
■ Chemical Testing Qualities

- L.O.I.: ≤ 5.0 %
- I.R.: ≤ 5.0 %
- SO₃: ≤ 4.0 %
- Cl: ≤ 0.10 %
- Alkali equivalent: ≤ 0.75 %

■ Mechanical Testing Qualities

(Compressive Strength)

- 2 days: ≥ 30.0 MPa.
- 28 days: ≥ 52.5 MPa.



● Min Standard

● CEM I52,5 R (ma) Media results obtained in Cementos Lemona

*The mean strengths indicated are given as a guide and should not be considered as additional security or other than the standard itself