

Technical Data Sheet

Tecnocem 32,5 R

CEM II/B-LL 32,5 R



Description

I Tecnocem B-LL 32,5 R is a Portland limestone cement type II featuring high early strength.

Composition

In compliance with the chemical composition requirements specified in EN standard 197-1, Tecnocem CEM II/B-LL 32,5 R has a clinker content ranging from 65 to 79% by cement mass excluding calcium sulphate and additives, while the remaining percentage is made up of limestone with TOC $\leq 0,20\%$ by mass (LL) and minor constituents, if any.

Standard requirements (UNI EN 197-1)

Chemical requirements*

Sulphates (as SO ₃)	$\leq 3,5\%$
Chlorides	$\leq 0,10\%$

Physical requirements*

Initial setting time	≥ 75 min
Soundness	≤ 10 mm

Mechanical requirements*

Compressive strength	at 2 days	$\geq 10,0$ MPa
	at 28 days	$\geq 32,5$ MPa

*Characteristic values

Applications

Common uses include:

- tall or slender non-prestressed structures
- massive structures
- foundation structures
- masonry
- fair-faced concrete elements
- dry-mix products
- street furniture pieces
- miscellaneous repairs

Benefits

By virtue of its properties, Tecnocem B-LL 32,5 R is suitable for use in a wide range of fields. Its composition makes it a valuable solution to compensate for a lack of fines in the aggregates.

Packaging and storage

The product's shelf-life is specified on the delivery note and possibly, if available, on the bag.

For professional use only. The user is advised to conduct tests and assessments in order to define the suitability of the product for the intended application.

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For Information

Technical Assistance

sat.ita@heidelbergmaterials.com

Heidelberg Materials Italia Cementi Spa

Via Lombardia 2A

20068 Peschiera Borromeo, MI

heidelbergmaterials.it