

White Portland Limestone Extra White Cement

CEM II/B-LL 42,5 R

TS EN 197-1

► Main Constituents

$65 \% \leq \text{Clinker} \leq 79 \%$
 $21 \% \leq \text{Limestone} \leq 35 \%$
Setting time regulating calcium sulfate



► Chemical Requirements

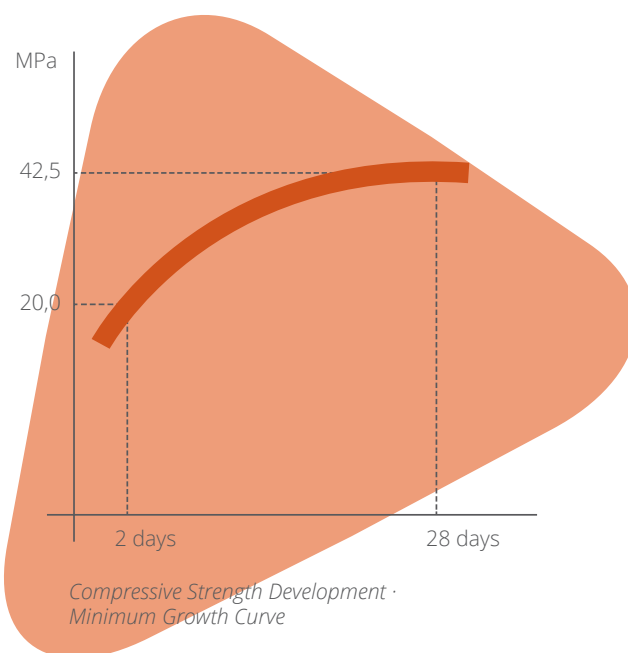
$\text{SO}_3 \leq 4 \%$
 $\text{Cl} \leq 0,10 \%$

► Physical Requirements

Initial setting time (min.) ≥ 60
Soundness (mm) ≤ 10

► Mechanical Requirements

Compressive Strength Development
Minimum Values
2 days: 20,0 MPa
28 days: 42,5 MPa



► Advantages

- High early strength
- Minimum 83% whiteness value
- Stable color tone
- High workability

► Recommended Applications

- **Precast Concrete**
Thanks to its high fineness, smooth surfaces are obtained.
- **Construction Chemicals**
With its workability, it is suitable for the production of joint filler, tile adhesive and various construction chemicals.
- **Tile, Curbstone and Keystone**
With its stable color tone, it is suitable for the production of elements such as paving stones, borders, urban furniture.

► Environment, Safety and Storage

- Wear suitable protective clothing, gloves, eye and face protection equipment.
- For detailed safety information, request the "Safety Data Sheet" of the product.
- Stock the bulk cements in suitable silos so that they are not exposed to moisture and wind, and the bag cements are stacked in a maximum of 10 rows in the warehouses protected from moisture, wind and cold.

► Precautions regarding use

- Follow the standard minimum cement content and maximum water/cement ratio.
- Provide adequate protection and cure according to correspondent standards.
- Keep framework and scaffolding in place until adequate mechanical strength is obtained.
- Ready-mix concrete: avoid long time transportation.
- Measures should be taken to prevent crack formation in concrete casting in hot and windy weather.

► Not Recommended for

- In the productions where high whiteness is required, the desired whiteness may not be obtained when used with aggregates whose color tone is not suitable.



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