

SUPER WHITE CEMENT

Molins



White Portland Cement

EN 197-1

CEM II A-L 42,5N

Description

SUPER WHITE CEMENT (CEM II/A-L 42,5 N) it is manufactured in accordance with EN 197-1 requirements and contains approximately 80% to 94% clinker and 6% to 20% limestone. SUPER WHITE CEMENT CEM II/A-L 42,5N offers high whiteness, good workability, and reliable strength development at both early ages and after 28 days

The quality of SUPER WHITE CEMENT CEM II/A-L 42,5 N is certified according to the UNE-EN 197-1 standard, with its corresponding Certificate of Performance Consistency 0099/CPR/A33/0710, issued by AENOR, as well as certificate of conformity to the Tunisian standards NT47.01 issued by INORPI.

Cement Features

	Typical values	Specifications according to standard
Clinker (%)	>80	min. 80 – max. 94
CHEMICAL		
Sulphate, SO ₃ (%)	<2.5	max. 3.5
Chloride, Cl- (%)	<0.04	max. 0.10
PHYSICAL		
Expansion (mm)	<4	max. 10
Initial setting time (min.)	120-180	min. 60
MECHANICAL		
2 days compressive strength (MPa)	20-25	min. 10.0
28 days compressive strength (MPa)	44-50	min. 42.5
WHITENESS (UNE 80305)		
Whiteness L	85 +/-1 %	-
Brightness %	94 +/-1 %	-



Shipping and Storage

- Available big-bags in 50, 40 and 25kg bag.
- Bags should be stored in dry and ventilated areas, protected from ground and environmental moisture.
- Bulk cement storage should be stored in sealed silos.

Value-Added Features

- Superior Aesthetics and High Whiteness
- High durability: Ensures long-lasting performance and reliability.
- Low alkali content: Classified as a low-alkali cement due to its reduced alkali levels.
- Excellent finish quality
- Color consistency
- Reduced environmental footprint
- Good compatibility with additives

Recommended for

- Adhesive cements, one-coat renders, self-leveling compounds, joints, etc.
- Mortars and renders.
- Aesthetic concretes, Pigmented and textured concretes.
- Terrazzo
- Wall Finishes and coating
- manufacture of colored tile.
- colored paving stones applications.

Not suitable for

- Not recommended for roller-compacted concrete.
- Concrete with potentially reactive aggregates or exposed to aggressive environments.

Worksite precautions

Given the high clinker content of this cement and its high reactivity, it is very important to maximize the curing of the end product processes, especially in extreme climate, cold or hot and dry and occasionally windy.

CUSTOMER SUPPORT:



For more information, product specification, Safety data sheet, product quotes, please request it from us.