

SUPER WHITE CEMENT



Description

SUPER WHITE CEMENT (CEM I 52,5N) is a cement designed to construction chemistry mortars industry. Thanks to it with high initial and final strengths, precise control of its reactivity and finesse, SUPER WHITE CEMENT is particularly recommended for highly demanding formulations. The consistency and regularity of these parameters guarantee the production of high-value-added products.

The quality of SUPER WHITE CEMENT is certified according to the UNE-EN 197-1 standard, with its corresponding Certificate of Performance Consistency (CE) 0099/CPR/A33/0709, 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 (%)	>95	min. 95 – max. 100
CHEMICAL		
Loss on Ignition (%)	3 – 4.2	max. 5.0
Sulphate, SO ₃ (%)	<3,5	max. 4.0
Chloride, Cl ⁻ (%)	<0.10	max. 0.10
Insoluble residue (%)	<1	max. 5.0
Chromium, VI (ppm)	<2	max. 2
PHYSICAL		
Expansion (mm)	<8	max. 10
Initial setting time (min.)	100-140	min. 45
MECHANICAL		
2 days compressive strength (MPa)	25-32	min. 20.0
28 days compressive strength (MPa)	55-62	min. 52.5
WHITENESS (UNE 80305)		
Whiteness L	85+/-1	-
Brightness %	≥94%	-



White Portland Cement

EN 197-1

CEM I 52,5N

Value-Added Features

- High final strengths.
- High productivity in its mortars and concretes.
- High whiteness.

Shipping and Storage

- Available in loose bags or sling bags of 50 and 40 kg bags, bigbags and in bulk.
- Bags should be stored in dry and ventilated areas. They must be protected from ground and environmental moisture.
- Bulk cement storage should be done in sealed silos.

Recommended for:

- White or colored architectural concrete works
- Treated concrete surfaces and paving (washed, sandblasted, polished, etc.)
- Exposed decorative concrete (fair-faced concrete)
- Road equipment and landscape features with long-lasting visual appeal.
- Swimming pool construction for a bright, clean-looking finish.
- Adhesive cements, one-coat renders, self-leveling compounds, joints, etc.

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.