

SUPER WHITE CEMENT CEM I 52.5 R

STANDARD NA 442 (2013) / EN 197-1 (2011) / CE (00-99/CPR/A-33/1025)

STRENGTH AT 28 DAYS

≥ 52.5

FINENESS

4000 - 5000

PACKAGING

2.0 T Big Bags

UPDATED

May 2026

OVERVIEW

White cement for the production of high-performance concrete, specifically designed for architectural concrete structures, decorative concrete elements, mortars, and concrete tile manufacturing.

PRODUCT ADVANTAGES

- Develops outstanding early and long-term strength.
- Ideally suited for single-layer and double-layer concrete tile production lines.
- Produces concrete elements with an exceptional surface finish and consistent colours.
- Provides excellent workability and consistent performance.

RECOMMENDED APPLICATIONS

- Architectural concrete structures and decorative concrete elements.
- Single-layer and double-layer concrete paving slabs and tiles.
- Cement-based mortars, tile adhesives, and precast concrete products.

CHEMICAL ANALYSIS

Loss On Ignition (LOI) (NA 5042)	3 ± 1.5
Sulphur Trioxide (SO ₃)	3 ± 0.8
Magnesium Oxide (MgO)	2.5 ± 0.8
Chloride Content (NA 5042)	< 0.1

CLINKER MINERALOGICAL COMPOSITION (BOGUE)

Tricalcium silicate (C ₃ S)	54 ± 3
Tricalcium aluminate (C ₃ A)	10 ± 1

PHYSICAL AND OPTICAL PROPERTIES

Normal Consistency (%)	28.5 ± 2
Fineness (Blaine Method) (cm ² /g) (NA 231)	4000 - 5000
28-Day Shrinkage (µm/m)	≤ 1000
Whiteness (Y)	85 ± 2

SETTING TIME AT 20 °C (NA 230)

Initial Setting Time (min)	140 ± 40
Final Setting Time (min)	200 ± 40

COMPRESSIVE STRENGTH

2 Days (MPa)	≥ 30
28 Days (MPa)	≥ 52.5

Typical average values.