

Royal El Minya White Cement

CEMII/A-LL-52.5 N

Royal El Minya White Portland Cement CEMII/A-LL-52.5 N in compliance with regulations EU No 305/2011 & according to EN 197-1:2011with CE Mark (0906-CBR 2000024-00-11-588). Optimized composition, including finely ground limestone addition, provides enhanced workability, improved sustainability, and reduced CO₂ footprint, making it a preferred choice for modern construction needs.

Advantages

- Superior quality High compressive strength ensures long-lasting structures
- Suitable for structural and aesthetic applications
- Enhances color vibrancy Works well with pigments for customized colors
- Provides excellent resistance to harsh environments
- Easy to mix and apply, enhancing construction efficiency

Applications

- Structural concrete requiring enhanced durability and early strength
- Masonry mortars and plasters with excellent workability
- Architectural concrete where smooth finishes and aesthetics are key
- Precast elements demanding high performance and consistency

Cement Composition

- Portland cement clinker 80% to 94%
- Limestone 6.0 to 20.0 %
- Minor additional constituents 0.0 to 5.0 %

Storage Conditions

- Storage:**
Recommended to retest after 6 weeks from the packing date if stored for long durations.
- Shelf Life:**
Store in dry, moisture-free conditions to maintain product integrity.



Chemical, Physical & Mechanical Properties

Parameter	Royal	Unit	Standard
SO ³ (%)	3.0 ± 0.3	%	≤ 4
Chlorine (%)	0.050 ± 0.02	%	≤ 0.1
Hexavalent Chromium	≤ 0.6	ppm	≤ 2.0
Whiteness	≥ 86.0	%	-
Initial Setting (min.)	170 ± 30	min	≥ 45
Soundness - (expansion)	2.0 ± 0.5	mm	≤ 10
2 Days Compressive Strength (N/mm ²)	≥ 27 ± 2	N/mm ²	≥ 20
28 Days Compressive Strength (N/mm ²)	≥ 57 ± 2	N/mm ²	≥ 52.5

Packaging & Shipping Options

- Bulk Transport:**
 - Shipped in vessels and containers for global export.
- Bagged Cement:**
 - Available in 25 kg, 40 kg, and 50 kg bags.
 - Material options: P.P, C.P3L+PE, and C.P 3L+PE.
 - Securely packed on pallets.
 - Customization is available to meet specific customer requirements.
- Big Bags (Jumbo Bags):**
 - Customized as per customer request, with or without pallets, ensuring flexible packaging and transport solutions.