



White Portland Cement

Product Data Sheet



RWC WHITE CEMENT or **WHITE PORTLAND CEMENT** is a specialized product, manufactured to exacting standards, often used for architectural projects in which pure white concrete is specified, or as base cement when vibrant color is desired. White cement is also used in highway infrastructure for traffic safety purposes due to its brightness and reflectivity. Improved bagging technology provides the ultimate protection from humidity and all forms of adverse weather conditions when stored properly.

White Portland cement is manufactured using higher quality limestone and enhanced quality control processes compared to traditional gray Portland cement. The results of these stringent manufacturing controls yields a bright white cement with higher performance characteristics in strength, workability, and beauty.

APPLICATIONS

RWC WHITE CEMENT can be used in many constructions product as follows:

- Architectural Precast Construction
- Manufactured Stone Veneer
- Tile Adhesives
- In-Ground Pools & Pool Finishes
- Exterior Cladding and Siding Products
- Terrazzo Flooring
- Stuccos and Masonry Coatings
- White Masonry & Colored Mortars
- Concrete Block CMU
- Concrete Bricks
- Concrete Pavers and Paving Stones
- Concrete Roof Tile
- Cast Stone
- Glass Fiber Reinforced Concrete (GFRC)
- Tile Grouts



QUALITY

RWC WHITE CEMENT is produced using the latest technology in Cement Production and using carefully selected raw materials such as Limestone and Kaolin, after the raw mix is ground to the required finesse, the clinker is produced in the kiln, then is ground in a special lined Cement Mill with Anhydrite to produce **RWC WHITE CEMENT**.

RWC WHITE CEMENT is Super White in Color.



PROPERTIES STRENGTH

Physical Properties

3 days	≥ 30 mpa	≥ 4,000 psi
7 days	≥ 40 mpa	≥ 5,500 psi
28 days	≥ 52.5 mpa	≥ 7,500 psi

Chemical Properties

MgO	ClSO ₃	Fe ₂	O ₃
≥ 1.0	≤ 0.1	≤ 3.0	≤ 1.0



MIX DESIGN

Mix design using **RWC WHITE CEMENT** needs to be varied to suit individual application, it is recommended that trial mixes to be carried out prior to commencement of work to ensure that the mix design and material combinations meet the requirements of the specifications of the particular application.



PACKAGING & SHELF LIFE

RWC WHITE CEMENT is packaged in a specialty bag to protect it from humidity. However, as with all hydraulic Cement, it is recommended that **RWC WHITE CEMENT** is not placed outdoors or in direct contact with the ground. When correctly stored in dry conditions, the properties of **RWC WHITE CEMENT** will remain within specification limit for at least 6 months. In most cases, its properties will be retained for over a year. Available in 92.6 lb bag, super sacks and bulk.



ROYAL WHITE CEMENT INC LIMITED WARRANTY

RWC warrants that this product, at the time of shipment, conforms to the Specifications set forth in section 2 of this Product Data Sheet. All other information provided in this Product Data Sheet is for guidance only. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. RWC sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any nonconforming product, or, at RWC option, the refund of the purchase price. No warranty is given for any technical advice or recommendations provided by RWC. Buyer waives all claims under this limited warranty unless it has given written notice of nonconformity within 30 days of delivery.