



- 1. Product Name**
Rock Hard Cement
Super White Cement
- 2. Product Description**

Basic Use

Rock Hard Cement Super White Cement is a blended hydraulic cement manufactured to be used for prestige construction projects and decorative work in paving roads and making cast stones of appealing appearance.

Composition and Materials

Rock Hard Cement is ASTM C1157 Super White Cement made from raw materials with a low content of coloring elements such as Iron (Fe), Manganese (Mn), Chromium (Cr) and Titanium (Ti).

Type

Rock Hard Cement Super White Cement is produced to meet ASTM C1157 Standard Specifications required for hydraulic cement.

Packaging

Rock Hard Cement Super White Cement is available in the following packaging sizes (bags):

- Kraft Bags 42.5Kg

Benefits

- Allows for a wide range of decorative concrete or cement finishes.
- Used in Interior and exterior decorations, flooring and ornamental products such as idols.
- Due to the high reflectiveness, can be used in roads to add visibility to highways medians.

3. Technical Data

Applicable Standards

ASTM International

- ASTM C1157 *Standard Performance Specification for Hydraulic Cement.*

Physical/Chemical Properties

Rock Hard Cement is formulated to provide consistent strength, durability and workability.

Hydraulic cement is composed of calcium silicates and some amount of gypsum.

4. Installation

Preparatory Work

Rock Hard Cement should be mixed according to ASTM C1157. The correct proportioning of materials is essential to ensure that the concrete achieves the desired strength, durability and consistency as well as maintaining its affordability.

- It is critical when mixing concrete and mortar to have the correct proportioning of coarse and fine aggregates so as to prevent segregation, bleeding and/or poor finish.
- Water cement ratio must be controlled; the addition of water often weakens the concrete and mortar mixture causing dusting, low strength and/or severe cracking.

- Using the correct quantity of cement is also critical in ensuring that the concrete can achieve the required compressive strength.
- A balance between proportions can be achieved by doing trials mixes. This will ensure that a correct mixing proportion is achieved based on the type of aggregates used.

Precautions

- Avoid placing concrete under low temperatures
- Provide adequate protection and cure according to correspondent standards
- Follow the standard minimum cement content and maximum water/cement ratio.

Safety

- Use proper protective clothing, gloves, eye/face protection equipment.
- The production of this cement represents a CO₂ emissions reduction.

5. Availability and Cost

Availability: White Cement is available on special request. For information about local availability contact the distributor at www.rockhard-cement.com

Cost: Pricing information can be obtained by contacting the territories distributor at www.rockhard-cement.com