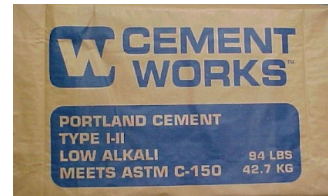


CEMENT WORKS PORTLAND CEMENT TYPE I - II

UNICOAT STUCCO SYSTEMS



PRODUCT DATA SHEET

PRODUCT DESCRIPTION

CEMENT WORKS TYPE I-II PORTLAND CEMENT is a low-alkali gray cement for use in all types of concrete, plaster, masonry, and any other construction application requiring an ASTM C-150 specified Portland cement. It's a general purpose cement, suitable for all uses where the special properties of other types of portland cement are not required, typically used in concrete exposed to moderately aggressive sulfate environments.

CEMENT WORKS TYPE I-II PORTLAND CEMENT is packaged in 94 lb (42.73kg) bags.

GENERAL INSTRUCTIONS

CEMENT WORKS TYPE I-II PORTLAND CEMENT is a durable, dependable, and cost effective product that is ideal for a wide range of residential, commercial, and industrial concrete, plaster, and or mortar needs.

The following mix designs are to meet ASTM specifications for the following applications:

- Concrete mix – 1 part Portland cement, 2 parts Mortar sand, 3 parts gravel (ASTM C33).
- Stucco mix (scratch coat) – 1 part Portland cement, 1/4 part Hydrated Lime-Type S (ASTM C207), 3-4 parts mortar sand.
- Stucco mix (brown coat) – 1 part Portland cement, 1/4 part Hydrated Lime-Type S (ASTM C207), 4-5 parts mortar sand.
- Masonry cement mix – 1 part Portland cement, ¼ Hydrated Lime-Type S (ASTM C207), 3-4 parts mortar sand.
- The following mix designs are made to achieve compressive strengths of 2500 to 3000 PSI in 28 days. Different mix designs are possible by adding more aggregates to mix.
- Always keep mixes consistent when mixing in small quantities.
- When pouring a concrete slab, sidewalk, driveway, etc. always try to pour the entire job in one solid pour for better results.

IMPORTANT NOTES AND CAUTIONS

Always wear protective clothing, **Impervious gloves**, such as nitrile, eye protection, and dust mask when working with this product.

Wash skin immediately after contact with cement. Cement contains lime which will cause severe skin burns.

Never mix more cement than can be used in 1 hour.

Try not to re-temper cement, this will weaken the over strength of the cement.

Somar Industries Ltd. does not manufacture the Portland cement.

The Portland cement is manufactured by a Portland cement producer, to meet ASTM-C150, and is packaged by Somar Industries Ltd.

A quality assurance specification form will be issued upon request.

LIMITATIONS AND MANUFACTURER'S WARRANTY

CEMENT WORKS TYPE I-II PORTLAND CEMENT should be mixed as per specifications and care should always be used when mixing this product.

- Do not mix or apply concrete in freezing or in extreme heat for a minimum of 24 hours.
- Always keep concrete moist cured for at least 48 hrs.
- For each application type, use the minimum amount of water necessary to achieve the desired consistency. Adding too much water may weaken the product and potentially cause durability issues.
- After application, Somar Industries Ltd. will not warrant finish work having no control for the end use of this product.
- Sole warranty will be replacement of product for defective material only.



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