



**Manufacturers of
Professional Grade Cement &
Construction Products Since 1967**

SC-001-REV 1

CGM PRO WCT

WHITE CONCRETE TOPPING

DESCRIPTION:

PRO WCT is a cementitious, high strength material used for resurfacing, overlaying and texturing stable concrete floors and surfaces.

PRO WCT will provide a strong, durable finish to existing concrete surfaces either interior or exterior.

With the addition of water, **PRO WCT** will create a trowelable, polymer cement overlay that when cured will yield a surface that is hard and abrasion resistant.

USES AND APPLICATIONS:

PRO WCT is used for imprinting, texturing or chemical staining of existing concrete floors and surfaces

ADVANTAGES:

1. Better abrasion resistance
2. Excellent water resistance
3. Allows for heavy traffic without wear or damage
4. Easy to mix and install
5. Economical
6. Can be applied from 1/8" to over 1" thickness
7. UV and freeze/thaw resistance

LIMITATIONS:

PRO WCT is not recommended for use with the following surface problems.

- Concrete that has not cured for 28 days
- Concrete with vapor emission problems.
- Gypsum based and lightweight concrete surfaces

A test area should be used to ensure product suitability to the substrate.

COVERAGE RATE:

PRO WCT is supplied in a 50lb bag . At 13% water content the product will cover approximately 4.9 ft.² with a thickness of 1"

Coverage will vary depending on the depth of fill, surface texture, desired finish, preparation procedures and various other conditions.

PACKAGING:

Available in 50lb bags.

COLOR:

Available in either White or Gray.

SPECIAL NOTES:

- Do not use for crack repairs
- Not intended for use in areas subjected to metal wheels, track or rollers
- Do not use in areas subject to water leaks or immersion.
- Special testing and/or coatings may be required if installation is in areas with harsh chemicals.
- **Do not use** if ambient temperature is anticipated to fall **below 40° F (4° C) within 36** after application.
- Do not use if temperature exceeds 90° F (32° C)

SURFACE PREPERATION:

PRO WCT is usually installed in 1-2 applications. This is done by troweling, screeding or pumping directly to the prepared surface.

The substrate must be properly prepared, which is achieved by using a wire brush, grinding, scarifying, shot-blasting or sandblasting to remove laitance coatings and other contaminants such as curing compounds that would interfere with adhesion

After roughening the surface, sweep or vacuum debris and thoroughly clean using a high-pressure water washer.

MIXING INSTRUCTIONS

The Recommended water content of this product is between 12 and 14%. For a 50 lb bag add 3 liters ± 0.2 liters (3 quarts 6 fl. Oz ± 6 fl. oz.) of potable water.

If color uniformity is essential, ensure mixer is free of residue prior to mixing product. Do not over water.

INSTALLATION:

Divide the work area into sections using walls or joint lines. Joints must be reproduced and cracks must be repaired otherwise they will reflect through the overlay. Do not delay in reproducing joints as this could result in loss of adhesion along the joint, crack expanse or edge.

Two applications of a bonding coat must be applied to the surface prior to the application of **PRO WCT**. Allow the first coat to dry thoroughly after which the second coat can be applied. Do not allow the second coat of bond coating to dry. Leave the second coat wet while applying the **PRO WCT**

A wet to wet bond is crucial to adhesion and wear. If the bond coating dries prior to the application of **PRO WCT** apply another application of bond coating.

PRO WCT must be applied immediately after mixing at a thickness of ¼” (6mm) to a 1” (25mm) maximum. The thickness is dependent on the depth of the mat or the build up requirements.

If additional buildup is required, another bonding coat must be applied prior to the application of PRO WCT

Timing is very important for successful imprinting. PRO WCT must be allowed to stiffen until it is rigid enough to support the process and the imprinting mat, but at the same time it must remain soft enough for the material to be imprinted.

Do not attempt to touch up duplicate imprint marks during installation. When the surface has become sufficiently firm these marks can be detailed. Once the surface has reached this firmness, you can detail grout lines to match the pattern being used.

Use a standard edging tool to detail surface sides when the imprinting has been completed.

For applications on Vertical Surfaces, Detailing, saw-cutting, Staining and Antiquing, please contact CGM, Inc. and ask to speak with a technical representative.

SEALING:

PRO WCT needs to be either sealed, coated or painted to ensure easy maintenance and for protection of the surface. This should be done as soon as the surface can be walked on or approximately 18-24 hours after process is complete.

Inspect surface prior to opening to traffic.

STORAGE CONDITIONS:

Store in dry conditions. Do not store on the floor.

SHELF LIFE:

When stored in original, un-opened container, 6-9 months. Rotate your stock.

GENERAL INFORMATION:

Please contact CGM, Inc. at any of the following numbers for customer service or technical assistance:

Voice: 215-638-4400

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WARRANTY:

CGM INC. warrants this product to be free of manufacturing defects. The sole responsibility and maximum liability of CGM under this warranty shall be at CGM's option, either (1) to replace the defective product in the form the product was purchased but not in the form the product was installed or used, or (2) to refund the purchase price of the product. In no event shall CGM be liable to the purchaser or to any third party for any loss or damage, of any type, including but not limited to incidental and/or consequential damage, resulting from the purchase or use of this product. In the event of any claim under this warranty, written notice must be given by registered mail.

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