

Bond-Tite

BONDING AGENT

DRY MIX & LIQUID RESIN

PMM *Bond-Tite* is a two component factory blended mixture of liquid resin and modified cement, aggregates and various admixtures – specifically designed as a bond or scratch coat to bond pool plaster over existing plaster finishes. The complete *Bond-Tite* System consists of two 65 lb. bags of *Bond-Tite Dry Mix* and one 5 gallon container of *Bond-Tite Liquid Resin* to be mixed at the jobsite.

▶ FEATURES

- 2 Component System
- Superior bonding with most cementitious surfaces
- Superior elongation that allows for minor movements of substrates

▶ USES

Bond-Tite's chemical properties make it the product of choice for pool, patio, deck or sidewalk renovation. It provides superior performance as a bond coat over existing cementitious surfaces. The finish coat locks to the *Bond-Tite* both chemically and mechanically to reduce the possibility of bond loss, thereby reducing the need for strong acid washing, sand blasting or axing of the existing surface.

▶ COVERAGE

The *Bond-Tite* system consists of two 65lb. bags of *Bond-Tite Dry Mix* and one 5 gallon container of *Bond-Tite Liquid Resin*. When blended together it must be applied at a rate not to exceed 400-600 square feet per unit. Coverage will vary depending on the porosity of the substrate.

▶ SURFACE PREPARATION

Patch, level or resurface as required to provide a smooth substrate. Surface must be clean, cool, dry and free of mold, mildew, fungus, algae, dirt, grease, paint, efflorescence or other foreign matter that may prevent or inhibit proper bonding.

NOTE: Only the experienced applicator can make the decisions as to what surface preparation may be required.

- 1) On previously plastered pools it is necessary to grind around the tile, lights, returns, etc., to allow for a smooth transition.
- 2) On previously painted pools, the surface must be sandblasted to remove the old paint completely.
- 3) Thoroughly wash the surface with a TSP solution to remove body oils and suntan lotions. Acid wash with a 50/50 solution of muriatic acid and water, rinse with a neutralizing solution of baking soda and water, and then rinse with clean water.

▶ MIXING

- 1) Thoroughly agitate Liquid Resin before use.
- 2) Pour ½ (2-1/2 gallons) of the Liquid Resin into a clean mixing container. Add 1 bag of Dry Mix and thoroughly mix until a smooth lump-free consistency is achieved.
- 3) Allow this mix to stand for approximately 5 minutes.
- 4) Add up to 2 ounces of water per mixed bag to retemper the mix if necessary to achieve the desired workable consistency. Do not retemper the mix a second time.

WARNING: Do not dilute the resin with water. Only use water to retemper after mixing with Dry Mix.

▶ APPLICATION

Apply the *Bond-Tite* with a 1-1/4" nap roller. Recommended thickness of application is between 1/8" to 3/16".

Allow *Bond-Tite* to thoroughly dry for a minimum of 24 hours before coating. If temperatures are below 50°F or wet conditions such as fog, high humidity or rain exist, the drying times will be significantly extended.

▶ CLEAN UP

Clean all tools and equipment with water while still wet. Cured material can be removed mechanically or chemically.

▶ STORAGE

Turn inventory regularly and keep bagged product protected from all forms of moisture, both direct and indirect, to assure maximum product usage, uniformity and productivity.

▶ LIMITATIONS

Apply only when surface and ambient temperatures are 50°F - 100°F and relative humidity is below 85% throughout the application and for a minimum of 24 hours thereafter or prior to replastering.

Protect *Bond-Tite* from rain, fog or other moisture after application. Moisture will prevent *Bond-Tite* from curing. Surface hardness of *Bond-Tite* is not an indication of complete cure.

▶ WARNINGS

**EYE, SKIN AND RESPIRATORY IRRITANT.
KEEP OUT OF REACH OF CHILDREN.**

First Aid: Eyes – Flush with water for 15 minutes, lifting eyelids occasionally. Obtain medical attention if irritation persists.

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▶ WARNINGS (CONT.)

Skin – Wash skin thoroughly with mild soap and cool water. If skin irritation, reddening or a rash occurs, seek medical attention.

Inhalation – If respiratory irritation occurs, move to fresh air. Obtain medical attention if irritation persists.

Ingestion – Seek medical attention immediately; untrained first aid personnel should not attempt to administer aid.

This product contains one or more chemicals known to the State of California to cause cancer.

WARNING: Do not breathe dust! This product contains Free Crystalline Silica which may cause cancer or delayed lung injury (Silicosis). Avoid creation of dust from this product whenever possible. Wear NIOSH approved respirator if creation of dust is unavoidable, or when working in dusty areas. See Safety Data Sheet for detailed information.

Hazardous Ingredients – Portland Cement (CAS# 65997-15-1) and Silicon Dioxide (CAS# 14808-60-7).

▶ WARRANTY

The effectiveness of this product depends upon its proper application and the condition and preparation of the surface to which it is applied.

Limited Warranty: The product shall be in its unopened package and of the kind specified within. THERE IS NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED (INCLUDING NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE). No warranty shall be implied by law. This limited warranty continues only until such time as the buyer opens the package and examines its contents. If the buyer, after opening the package and examining its contents, determines that the product is not of the kind specified herein, the buyer should write to PREMIX-MARBLETITE MANUFACTURING COMPANY, 1259 NW 21st Street, Pompano Beach, Florida 33069, explaining the defect and enclosing a sample of the product. PREMIX-MARBLETITE, upon receipt of the sample from the buyer, will replace the portion of the product that is determined to be defective. This shall be the buyer's sole remedy for breach of warranty and such remedy shall be in lieu of any claim for damages, including consequential damages.

Some states do not allow limitations on how long an implied warranty lasts, or exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. The information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of the products manufactured by PREMIX-MARBLETITE and is presented in good faith. PREMIX-MARBLETITE assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project.

▶ PRODUCT AVAILABILITY

Item #	Product	Size
084015	Liquid Resin - PART A	5 gallon bucket
084014	Dry Mix - PART B	65 lb. bag

▶ TECHNICAL SERVICES

Refer to material safety data sheet, www.PMMproducts.com and industry standards prior to installation for additional information.

For technical assistance please contact our Technical Department at (800) 432-5539.