



THE MARQUIS SERIES

natural exposed aggregate pool finishes

DESCRIPTION

THE MARQUIS SERIES is a factory blended mixture of polymer modified cement, quartz aggregates and various admixes specifically designed as an exposed aggregate coating for the interior of swimming pools.

FEATURES & BENEFITS

- Ease of maintenance
- Slip resistant for safety
- Custom colors available
- Designer colors from Majestic White to exotic blues
- Durable for long term performance

COVERAGE

THE MARQUIS SERIES is packaged in 80 lb. bags and must be applied at a rate not to exceed 20-25 square feet per bag. Coverage will vary depending on the porosity of the substrate and application techniques.

SURFACE PREPARATION

Patch, level or resurface as required to provide a smooth substrate. Surface must be clean, cool, dry and free of dirt, grease, scaling paint, release agents, curing agents, special surface hardeners, efflorescence or other foreign matter that may prevent or inhibit proper bonding.

NOTE: Only the experienced applicator at poolside 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, then finally rinse with clean water.
- 4.] An application of SUREBOND is highly recommended on previously plastered surfaces as a bond or scratch coat to provide a uniform base for adhesion and even curing.

MIXING

Measuring equal amounts of water and mixing for equal amounts of time from batch to batch will ensure product consistency from batch to batch. Boxing different batch #'s will ensure final color uniformity. MARQUIS will require approximately 2-2½ gallons of potable water per bag. Start the mixing process by adding 2/3 of the total required water to the mixer. Add the appropriate amount of MARQUIS and then add the remaining 1/3 of the required water. Mix for approximately 5 minutes, then remix and add additional water if necessary to achieve the desired workable consistency. Do not re-temper the mix after this.

MARQUIS is a complete product and requires no other additives. To avoid any complications, it is highly recommended that no calcium chloride be used.

If you choose to use calcium chloride, it must be used with caution, as "more is not better". It is always best to use 94-97% purity at a maximum of 1/3 lb. per bag. If 77% purity is used, the maximum is ½ lb. per bag. 77% purity contains 23% filler material, which may include ingredients that could be harmful to the finished product.

Always pre-dissolve calcium chloride and remove impurities by straining through cheesecloth.

NOTE: At the maximum addition creates, flash setting, trowel burning and other difficulties in both placing and finishing may occur.

APPLICATION

- 1.] After MARQUIS has been properly mixed, it may be troweled or spray applied over a dampened substrate. The recommended thickness is 3/8" - 1/2".
- 2.] Several trowel passes will be required to compact and level as MARQUIS finish "stiffens".
- 3.] MARQUIS finishes are designed to be monolithic coatings. Sufficient personnel should be employed to eliminate cold joints. If the pool must be completed in phases, pre-determined stopping points must be used, such as tile lane markers, etc.
- 4.] Once the surface of the MARQUIS finish has set hard enough to allow light foot traffic, remove the "cream" or "fat" to expose the pebble aggregate by water washing with a soft bristle broom or soft sponge and water.

NOTE: The timing of the water wash procedure can only be determined at the jobsite taking into account the factors of heat, humidity, and substrate suction.

- 5.] After the finish has been water washed, the applicator may elect to clean the "haze" off the aggregate by washing with a 50/50 solution of muriatic acid and water. The experienced applicator will determine when an acid wash is needed.
- 6.] It is acceptable to wait until the following day to acid wash, but the finish must be water washed the same day as application to ensure adequate aggregate exposure.

7.] If the entire finishing process is completed in one day, fill the pool immediately. If you elect to leave the pool open until the next day to complete and acid wash, fill the pool immediately upon completion of the acid wash.

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.

TECHNICAL SERVICES

Available upon request

MAINTENANCE

The long-term performance of MARQUIS will be directly proportional to the care taken during the filling process, the first ninety days of pool maintenance and consistent routine maintenance thereafter. Adjust the chemicals to the following levels in the order as recommended by Premix and NSPI.

- a.] pH 7.4 - 7.6
- b.] Alkalinity 100 - 125 ppm
- c.] Calcium 250 - 400 ppm
- d.] Chlorine gradually to 2 ppm
- e.] Total dissolved solids <1000 ppm
- f.] Cyanuric acid <50

NOTE: During the start-up phase keep the pool pump running 24 hours a day until the water clears. Refer to the startup procedures at the back of this guide.

WARRANTY

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

MARQUIS should be applied over surfaces prepared as previously described or over a cement base that has cured for at least 24 hours.

PREMIX-MARBLETITE MFG. CO. (here-in-after referred to as PREMIX) warrants MARQUIS against failure for ten (10) years for residential pool from date of installation, and five (5) years for commercial pools from the date of installation. In the event of failure, PREMIX shall, upon verification provide MARQUIS material to repair area of failure only.

LIMITATIONS:

NOTE: IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, ARE LIMITED TO TEN YEARS RESIDENTIAL AND FIVE YEARS COMMERCIAL. THIS IS A LIMITED WARRANTY AS SET FORTH HEREIN:

- 1.] This warranty excludes damages due to defects in workmanship or physical abuse of the pool.
- 2.] Some loss of aggregate is expected, especially in a new installation; this is not to be considered a failure.
- 3.] It is understood that quartz aggregate stone and application techniques will result in variations in tone and appearance. This variation in pool shades is not to be considered a failure. MARQUIS is not guaranteed with regard to color.
- 4.] The contractor shall have the right to repair the area of failure only. MARQUIS material replacement is limited to this repair. It is understood that some cosmetic variation will result.
- 5.] PREMIX warrants the MARQUIS material only and is not responsible for labor to repair said material.
- 6.] Subsequent costs as to water replacement, chemicals, land and loss of use of the pool are not covered.
- 7.] This warranty shall not include pools which have been abused physically or through lack of proper chemical balancing, chlorine applications or other chemical abuses.
- 8.] Minor surface checking and cracks are not covered by this warranty.
- 9.] This warranty is not valid unless the warranty request form is completed in full and returned to PREMIX within thirty(30) days of installation of MARQUIS material. WARRANTY MUST BE SENT BY CERTIFIED MAIL. Return receipt must be retained by purchaser.

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.