

# HydroGlass Series

**Multi-Color  
Polished Glass  
Pool Finishes**

**6  
Designer  
Colors**



**PMM HydroGlass is a base mix program of factory blended polymer modified cement, multi-color polished glass and various admixes specifically designed for the interior of swimming pools.**

## ► FEATURES

- Finished polished surface is extra smooth
- Polish time reduced compared to other polished surfaces

## ► INSTALLATION

**Surface Preparation:** All substrates must be free of dirt, grease, oil, dust, chalking or chipping paint or any foreign material 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 light niches, 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 surface with a TSP solution to remove body oils and suntan lotion. Acid wash with a 50/50 solution of muriatic acid and water; rinse with a neutralizing solution of baking soda and water and finally a rinse with clean water.

4) An application of BOND TITE is highly recommended on previously plastered surfaces as a bond or scratch coat to provide a uniform base for adhesion and even curing.

## ► MIXING

- 1) Use only potable water.
- 2) Uniformity from batch to batch is ensured by measuring water consistently from batch to batch and by mixing each batch for the same amount of time.
- 3) Add only enough water to bring the material to a smooth lump-free consistency (approximately 2 to 2½ gallons water per bag).
- 4) Start the mixing process by adding 2/3 of the mixing water to the mixer. Add the appropriate amount of HYDRO GLASS pool finish, then add the remaining 1/3 water; bringing the mixture to a workable consistency.
- 5) HYDRO GLASS is a complete product and requires no other additives. If Calcium Chloride (CaCl) is used, it must be used with caution as "more is NOT better". ALWAYS pre-dissolve the (CaCl) and remove impurities by straining through cheesecloth. Remember, if you are using 77% (CaCl), 23% is filler material that may or may not contain ingredients harmful to the finished product. The range of (CaCl) is as follows:

- 77% purity: Maximum 1/2 lb. per bag of HYDRO GLASS
- 94%-97% purity: Maximum 1/3 lb. per bag of HYDRO GLASS

**NOTE:** At the maximum addition rates, flash setting, trowel burning and other difficulties in both placing and finishing may occur. It is highly recommended that no (CaCl) be used to avoid any complications.

## ► APPLICATION

- 1) After HYDRO GLASS has been properly mixed, it may be trowel or spray applied over a dampened substrate. Recommended thickness is 3/8" to 1/2".

2) Several trowel passes will be required THYDRO GLASSMARQUIS MAGIC pool finish "stiffens". DO NOT hard trowel the finish as it is not necessary and will only create more work during the "finishing process".

3) HYDRO GLASS pool finishes are designed to be monolithic coating. 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 HYDRO GLASS pool finish has set hard enough to allow light foot traffic, remove the "cream" or "fat" by dry rubbing the surface with soft scrub pads. The timing of the "dry washing" can only be determined at the jobsite taking into consideration the factors of heat, humidity and substrate suction.

5) After the finish has been dry rubbed/washed the applicator will allow the surface to harden overnight. Then the applicator shall Polish the surface of the Hydro Glass with an Aries Coyote Water Power Grinder/Polisher.

6) Once the entire surface has been satisfactorily polished, the pool shall be immediately filled. Balance the Water Chemistry to Premix Marblite and NPC Standards.

## ► CLEAN UP

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

## ► COVERAGE

The coverage of HYDROGLASS will vary depending on the amount of leveling and filing needed. HYDROGLASS coverage generally averages between 18 to 20 sq. ft. per 80 pound bag.

## ► 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.

# HydroGlass

## Series



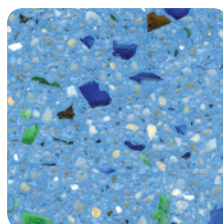
Base Mix



Charcoal



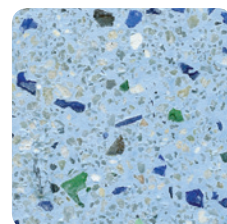
Dune



Midnight Blue



Pewter



St. Thomas

### 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.

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

### WARRANTY

Contact a local PMM Rep for more information. Only available to PMM Certified Applicators.

### MAINTENANCE

The long term performance of HYDRO GLASS will be directly proportional to the care taken during the filling process, the first ninety days of pool maintenance and routine consistent maintenance. Adjust the chemicals to the following levels in the order recommended by Premix Marblite and NPC.

- pH 7.4 to 7.6
- Alkalinity 100 to 125 ppm
- Calcium 250 to 400 ppm
- Chlorine gradually to 2 ppm
- Total dissolved solids <1000 ppm
- Cyanuric acid < 50 ppm

**NOTE:** During the start-up phase keep pool pump running 24 hours a day until the water clears. The pool should be brushed twice a day for the first two weeks.

### PRODUCT AVAILABILITY

Item #	Color	Size
050300	Base Mix	80 lb. bag
058515	Charcoal	80 lb. bag
058517	Dune	80 lb. bag
058522	Midnight Blue	80 lb. bag
058526	Pewter	80 lb. bag
058529	St. Thomas	80 lb. bag

### TECHNICAL SERVICES

Factory trained experienced representatives are available to answer questions and assist with recommendations.

Refer to material safety data sheet, [www.PMMproducts.com](http://www.PMMproducts.com) and industry standards prior to installation for additional information.

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