

PRODUCT DATA SHEET

A Q U A V A T I O N S

HYDRAZZO

POLISHED MARBLE POOL FINISH

DESCRIPTION

Aquavations Hydrazzo, Polished Marble pool finish is a swimming pool surface of specially blended white marble aggregate, white portland cement, graded color aggregate, and proprietary ingredients. This product produces the smoothest non-slip natural finish available, and it's unique formulation provides resistance to spot etching, permanent scale and algae adhesion. Roughness complaints are eliminated as the surface can be easily polished to a uniform luster. Aquavations Hydrazzo is ideal for new or existing residential and commercial applications.

BENEFITS

Smoothest Exposed Aggregate Surface Available
Time Proven Natural Ingredients • Resists Permanent Algae and Scale Adhesion
Ease of Application

PREPARATION

Aquavations Hydrazzo® should be applied to a sound surface free of oil, dirt, algae or any other foreign substance. Previously applied paints or sealers must be removed by acid washing and/or sandblasting. Neutralize acid with baking soda or soda ash then thoroughly rinse with water. Re-finished pools must be undercut an appropriate distance around all tile, return lines, light fixtures and main drains [follow APSP and/or NPC standards]. All weepers and plumbing leaks should be repaired at least 24 hours prior to plaster application [follow APSP and/or NPC standards]. Always follow "sound technical practices" as recommended by The National Plasters (NPC), The Association of Pool and Spa Professionals (APSP), and The American Concrete Institute (ACI).

MIXING

1. Using standard mixing equipment, it is important to blend each batch with the same amount of water and to mix each batch for the same amount of time.
2. Mix Aquavations Hydrazzo with approximately 1½ to 1¾ gallons of potable water per 80 lb. bag.
3. Start the mixing procedure by adding approximately two thirds of the total water requirements to the mixer, add Aquavations Hydrazzo then the balance of water.
4. Mix the completed batch for at least 8 minutes to ensure a proper blend of all ingredients. Each batch should be mixed the same amount of time.
5. Before using any job site additives, please consult your Aquavations Representative.

APPLICATION

Aquavations Hydrazzo may be applied by either pump or conventional methods. Apply Hydrazzo over a lightly dampened (no standing water) surface to a uniform thickness of approximately 3/8" when there is absolutely no possibility of freezing. Make sure that pegboard or spike holes are filled with aggregates and not cement paste only. Conventional plastering techniques are used to install Aquavations Hydrazzo. Care should be taken to remove any accumulated excess cement paste from the finished troweling. After final trowel use a grout sponge and lightly removed cement paste from difficult polishing areas such as inside corners of steps, swim outs, etc...

AGGREGATE EXPOSURE

Same day exposure is possible if surface hardens 3-4 hours in temperatures of 80°F or warmer. Overnight hardening is recommended for cooler temperatures. Only after saturating the finish surface with water, acid wash using a muriatic acid solution consisting of 3 ounces of liquid dish detergent (Dawn Liquid Dish Detergent) per gallon of solution to expose the aggregate as uniformly as possible. Before acid wash, evenly sprinkle 3-4 lbs of sodium bicarbonate around main drain to protect this area from accumulated acid solution. Use a submersible pump to remove any accumulated, neutralized acid solution. Acid wash additives are available to enhance the uniformity of this wash while reducing fumes. Further care should be taken to reduce streaking by aggressively brushing the muriatic solution AS IT IS BEING APPLIED. Neutralize and remove acid residue. Lightly buff the surface with TRITON water driven polisher or Hydro Abrasives to remove remaining cement residue while polishing the finish. (For more information regarding TRITON or TRITON Abrasives, contact your Aquavations sales representative.)

CURING

Care should be taken to protect Aquavations Hydrazzo from rapid drying conditions such as high wind, high temperature, low humidity. Such precautions may include fogging or misting the surface, or placing a protective covering over the pool. Cover should not be placed directly on the pool surface.

FILLING PROCEDURES

When filling a pool it is important to do so without interruption of fill water. Fill pool as rapidly as possible from the deepest part of the pool. All fill hoses should have a sock or cloth on the end. Do not allow main hose length to lay on the aggregate surface as it will leave a mark.

WATER CHEMISTRY

Water chemistry should be maintained within +/- 0.3 on the Langelier Saturation Index. Chlorine should not exceed 3 PPM and Cyanuric acid levels should not exceed manufacturers' 40 to 60 PPM recommendations. For more information on chemical balance and the Saturation Index see recommendations from the NPC, National Plasterers' Council, www.npconline.org and APSP, Association of Pool & Spa Professionals, www.theapsp.org. Failure to monitor and maintain proper chemical balance will result in equipment damage as well as surface deterioration. Maintaining proper chemical balance is essential during the initial curing phase as well as routine maintenance to maximize the life of the pool surface.

COVERAGE

Each 80 lb. bag covers approximately 20-25 sq. feet at 3/8" thickness. Coverage rates may vary depending on method of application and condition of substrate.

PACKAGING

Aquavations Hydrazzo is packaged in 80 lb. heavy duty poly lined bags.

WARNINGS

Product is alkaline on contact with water. During mixing or application, avoid contact with eyes or skin. In case of such contact, flood eyes repeatedly with water and call physician. Do not take internally. Wear NIOSH approved mask during mixing procedures.

Aquavations

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