



PRODUCT DATA SHEET

DESCRIPTION: **Hydrazzo®** is a swimming pool surface of specially selected white and colored marble aggregates, white Portland cement, graded color aggregates, and other proprietary ingredients to produce higher cement strengths. **Hydrazzo** 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 virtually eliminated as the surface can be easily polished to a uniform luster. **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
 - ❖ Long lasting
 - ❖ Easily restored by polishing without resurfacing

PREPARATION: **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 and thoroughly rinse with water. Refinished pools must be undercut an appropriate distance (Min 3") around all tile, return lines, light fixtures and main drains and an approved Scratch Coat applied. All weepers and plumbing leaks should be repaired at least 24 hours prior to plaster application.

- MIXING:**
1. Using standard mixing equipment, it is important to blend each batch for the same amount of time.
 2. Mix product with approximately 1½ - 1¾ gallons of potable water per 80 lb. bag.
 3. Start the mixing procedure by adding approximately 2/3 of the total water requirement to the mixer, add **Hydrazzo**, then add the balance of water.
 4. Mix completed batch for at least 6 - 8 minutes to ensure a proper blend of all ingredients and appropriate aggregate saturation. Make sure to box different batch #'s.
 5. Before using any job site additives, please consult your C.L.Industries Product Representative.



APPLICATION: **Hydrazzo** may be applied by either pump or conventional methods. Apply over a lightly dampened (no standing water) surface to a uniform thickness of approximately 3/8" minimum to 1" maximum. Make sure that pegboard or spike holes are filled with aggregates and not cement paste only. Conventional plastering techniques are used to install **Hydrazzo**. Care should be taken to remove any accumulated excess cement past after final troweling. **Hydrazzo** should be applied in temperatures exceeding 40 degrees rising and an ambient of 60 degrees and rising by a minimum of 1 finish plasterer per 300 sq. ft.

AGGREGATE EXPOSURE: Same day exposure is possible if surface hardens 3 - 4 hours in temperatures of 80 degrees F or warmer. Overnight hardening is recommended for cooler temperatures. A strong muriatic acid and soap solution is used 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 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 in an environmentally acceptable manner. Use the acid wash to evenly expose the aggregate before polishing. Polish the surface with approved polishing equipment and abrasives. For more detailed application information regarding **Hydrazzo** please request a copy of **Hydrazzo** installation instructions. **Note:** Temperatures less than 60 degrees may require a 36 hour cure before acid washing and polishing.

CURING: Care should be taken to protect **Hydrazzo** from rapid drying conditions such as high wind, high temperatures or low humidity. Such precautions may include fogging or misting the surface or placing a protective covering over the pool. This cover should not be placed directly on the plaster surface.

FILLING PROCEDURES: When filling a pool it is important to do so without interruption of fill water. Fill pool as rapidly as possible. All fill hoses should have a (Bobby) sock or cloth on the end. Do not allow main hose length to lay on the plaster surface as it will leave a mark. Always fill from the deepest area of the pool.



WATER CHEMISTRY: The pool water must be carefully balanced from the initial fill and constantly maintained within recommended NSPI guidelines. Maintaining proper chemical balance from first fill is essential to maximize the life of the pool surface. Proper water chemistry parameters are on the back of bag and warranty cards.

COVERAGE: Each 80 lb bag covers approximately 20 - 25 sq. feet @ 3/8" thickness. Coverage rates may vary depending on the method of application and condition of substrate. **Hydrazzo** may be applied up to 1" thick, depending on site conditions. Thicker applications will reduce coverage.

PACKAGING: **Hydrazzo** is packaged in 80 lb. Heavy-duty poly lined bags.

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