

DESCRIPTION

Permaglaze is a non-yellowing acrylic base high solids sealer for all concrete surfaces. It is especially suited for decorative concrete finishes. Permaglaze offers resistance to water, alkalis, mild acids and petroleum spirits. It is formulated to seal and protect with a hard glossy flexible film that is easy to clean and repair.

USES

Permaglaze is designed for use on interior and exterior concrete surfaces, vertical and horizontal, driveways, walkways, patios, pool decks, exposed aggregate, any surface where ease of cleaning and protection from the elements is desired. It will provide a long lasting durable high sheen finish that is resistant to chemicals, oil, grease, deicing salt and abrasion.

PACKAGING

Permaglaze comes in a standard package of a 5 gallon metal pail with a pour spout. Gallon cans are packaged to order if desired.

SPECIFICATIONS

Permaglaze meets or exceeds the water loss specification of ASTM C 309, Type 1, Class A & B when used as specified with a single uncut application. It is in compliance with U.S. EPA AIM Regulation 40CFR Part 59-400 g/l VOC.

COVERAGE

Typical coverage with two coats is 1000 square feet per 5 gallon pail Permaglaze. This is equivalent to 400 square feet per gallon per coat. The porosity and type of finish can greatly modify this standard. Coverages can range from 300 to 500 square feet per gallon.

BENEFITS AND FEATURES

- May use on all concrete surfaces
- Provides long lasting glossy surface
- Easy cleanup using xylene or DMC
- Clear non-yellowing membrane
- Use on new or existing concrete finishes
- Does not blush once cured
- Dries to the touch in 30 minutes
- Provides a clear tough film that is abrasion resistant.
- Resists weathering, resists most acids, industrial chemicals, cleaning agents, caustics, airborne pollutants
- Lasts for many years
- Can be recoated as needed in areas showing wear, simply clean and coat
- Is manufactured to meet VOC requirements in various areas. The standard formulation is VOC 400 but can be manufactured as low as VOC zero

TECHNICAL DATA

Dry time @73F, 50% RH is 1 hour

May be recoated in 2-24 hours

Foot traffic in 4-6 hours

Wheel traffic in 12-24 hours

VOC content 400 standard, can be zero to 100

Concrete adhesion excellent

Improve adhesion by reducing solids for first coat.

UV degradation per ASTM C 1315

Ultraviolet resistance = non-yellowing

Chalk resistance = no chalking

Check / peel resistance = no deterioration

Alkali resistance = excellent

All technical data are typical but may vary with testing methods and operators. Do not apply below 40F.

APPLICATION

Existing concrete must be clean and free of all grease, oil, contaminants, form oil, curing compounds and dirt. Check concrete for hardness and integrity before application.

Freshly placed concrete may be coated with a 12 to 15 percent solids Permaglaze solution to provide curing aid during early hydration. This must be followed with a complete coat in one to three weeks. Sealing freshly placed and finished concrete with a high solids solution of sealer will entrap water and cause stains or will poorly bond reducing life of sealer.

Chapin Extreme model #19049 with Viton equipped fittings and a 5941 (1/2 gallon / minute nozzle or equivalent is recommended.

Always apply a test area to determine suitability and methodology before doing entire job. If spraying and back-rolling with a second person maintain a wet edge to be rolled immediately to avoid stringing. Any puddling must be brushed or rolled out immediately.

Points to ensure good results

- Maintain a wet edge spraying or rolling
- Do not apply thick films. Multiple thin coats give superior results
- Rolling or brushing more than required will mar the surface
- Keep roller wet
- If bubbles appear from overwork a light application of xylene or DMC solvent will allow them to be rolled out
- Use a short nap mohair roller
- Apply successive coats at right angle

DRY TIME

Drying time is affected by humidity, ambient temperature, application rate, film thickness and other job conditions. Permaglaze will dry to the touch in a few minutes but restrict foot

traffic for four hours or more. General traffic is allowable in 12 to 24 hours.

PRECAUTIONS

Permaglaze is flammable. Do not allow any one in job area to smoke, weld or create other ignition sources. If applying Permaglaze interior provide heavy cross ventilation and remove all ignition sources such as light switches being operated.

All personnel in the work area must wear an OSHA/NIOSH approve mask for organic solvents. The solvents can cause permanent lung and brain damage.

Permaglaze will darken the concrete. This can be a problem if not anticipated in decorative and colored concrete finishes. Do a test with Permaglaze to determine if the color scheme is accurate.

HEALTH and SAFETY

Acquire and read complete MSDS from the website: absoluteconcretecolors.net

Permaglaze will cause irritation to eyes and skin. Use protection. Breathing vapors can cause brain and lung damage. Use protection.

SHELF LIFE

Store in a cool dry place out of the reach of children and tightly closed. Expect to last for 1 year.

LIMITED WARRANTY

This product is not for public use and is intended for use only by applicators trained and experienced in the use of solvent borne concrete sealers. Permaglaze is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of this product; therefore, no warranty, expressed or implied, is or can be made either as to the affects or results of such use. In any case the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. User and specifier solely shall determine suitability.