

DESCRIPTION:

SAHARA CLEAR MASONRY SEALER is a clear, acrylic water-based masonry finish that penetrates the surface to form a durable, high binding sealer on concrete, masonry, stucco or plaster surfaces. It can be topcoated with latex paints and stains. SAHARA CLEAR MASONRY SEALER provides a strong, breathable water barrier. In addition to keeping surfaces clean and preserving the natural appearance, it also conditions the surface for subsequent application of stains, paints or adhesives.

SAHARA CLEAR MASONRY SEALER features quick dry, one hour recoatability and water clean-up.

As a masonry sealer, this alkaline-resistant product will seal and harden aged brick, plaster, mortar joints, and surfaces with minimal chalk. It can also be used as a dust proofer for cement floors.

SURFACE PREPARATION:

Surface preparation and surface repair are the most important requirements for maximum durability from any paint system. The first step should always be a thorough examination of the surface to be painted, checking for peeling and faded paint, dirt chalking, grease, cracking, bare areas, mildew, rust, and structural problems. All surfaces, whether painted or unpainted, must be clean, free from gloss, and in sound condition prior to finishing.

GENERAL: Remove dirt, grease, oil and chalk by washing with a detergent solution, TSP (Tri-Sodium Phosphate) or commercial cleaner recommended for cleaning masonry surfaces using a sponge or brush. If efflorescence or cement dust is present it must first be removed by mechanical means such as wire brushing. Surfaces that have shown signs of efflorescence should be neutralized using either distilled white vinegar or a 10% solution of muriatic acid. Additionally, glazed slick masonry or smooth troweled surfaces MUST be acid etched or sandblasted. If acid etching use 10% solution of muriatic acid. CAUTION! WHEN USING MURIATIC ACID ALWAYS READ AND FOLLOW THE MANUFACTURER'S DIRECTIONS AND USE THE PROPER PERSONAL PROTECTIVE EQUIPMENT AND OR APPAREL. After washing or etching, thoroughly rinse and flush with clean water and allow to dry. Power-washing is also a fast, effective method of removing dirt, chalk, etc. If a power-washer is used, follow the manufacturer's recommendations and warnings. Refer to "**Surface Preparation Guide**" in the Product Information Manual for more detailed instructions.

NEW MASONRY SURFACES:

Allow masonry to cure 30 days prior to painting.

PREVIOUSLY COATED MASONRY: Maintenance painting will frequently not permit complete removal of all old coatings prior to repainting a particular surface. Recognize that any surface preparation, short of removal of all old coatings, may compromise the service life of the new coating system. Check compatibility of previously painted surfaces using a test patch with the coating if there is any doubt on recoatability.

Masonry-Poured and Prestressed Concrete: Coating uniformity will depend on smoothness and workmanship of the concrete.

Blocks (Concrete-Haydite-Aggregate): Be sure surface is clean and free of mud, dirt, dust or other foreign matter. Certain types of blocks that are very porous may require multiple coats.

Mildew: Spotty patches that look like dirt, but do not come off when scrubbed with detergent solution, are probably mildew. It can be identified from other forms of discoloration by applying a few drops of bleach. If mildew is present, the black, gray or brown color will bleach out and disappear within one or two minutes. Mildew must be killed and removed before repainting. Where mildew is present, apply a solution of one part household bleach and three parts water, or use a commercial mildew remover. It is mandatory to wear rubber gloves, goggles, long-sleeved shirt and long pants to protect eyes and skin when using mildew remover. In addition, protect grass, trees and shrubs with plastic covers. CAUTION! DO NOT MIX BLEACH WITH AMMONIA OR DETERGENTS CONTAINING AMMONIA. Follow specific instructions if a commercial mildew remover is used.

MIXING:

Stir each container thoroughly prior to use. No thinning is required for brush or roller application. For spray application, up to one pint of water may be added to each gallon of paint.

APPLICATION:

Product is milky white during application, which assures complete coverage, but dries clear. Apply each coat at the recommended coverage rate. May be applied in damp, humid weather but do not apply when rain is imminent. In extremely hot weather, dampen the surface with water prior to application. Apply in shaded areas when possible and wash brushes and rollers periodically.

Apply with a nylon wall brush or by roller using a short nap cover for smooth surfaces and a medium nap cover for rough surfaces.

Keep packaged material from freezing. If material has been frozen, do not stir until completely thawed. If material, when stirred after thawing, is of uniform consistency and has a suitable viscosity with no lumps, it may be used. Do not apply when surface, air or material temperature is below 50°F.(10°C.) or expected to fall below 50°F. eight hours after application. Apply each coat at the recommended coverage rate. May be applied in damp humid weather but do not apply when rain is imminent.

To spray, use the following recommendation or equal as a guide:

AIRLESS SPRAY:

Tip	011"-.015"
Fan	40°-60° (8-12 inch fan)
Pressure	1500-2000 PSI

CLEAN UP:

Clean brushes, rollers and spray equipment, after each use, with warm soapy water, then rinse with clean water. Follow-up with mineral spirits in spray equipment to avoid rusting. Dispose of unused paint and waste in accordance with local, state and federal regulations.

COVERAGE:

One gallon will cover 400 square feet (37 square meters per 3.785 liters) per coat on smooth surfaces. Average coverage rate is 100-300 square feet per gallon (19-28 square meters per 3.785 liters). Rough or porous surfaces require more sealer.

DRYING:

Optimum drying conditions are 60°F to 90°F (16°C to 32°C) at 50% R.H.

To Touch	30 Minutes
To Recoat	1 Hour

Lower temperatures and high humidity will slow dry.

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Values based on **SAHARA CLEAR MASONRY SEALER, 5029**

Weight Gallon:	8.53
Weight Solids:	25.03%
Volume Solids:	22.80%
Coverage:	
@ 1 Dry Mil:	366 sq. ft./gallon
@ Spread Rate:	400 sq. ft./gallon (4.0 mils wet) Deposits a 0.9 mil dry film
VOC (g/l):	Not to Exceed 380
Viscosity:	15-20 Seconds #2 Zahn Cup @ 77°F
Gloss @ 60:	N/A
Grind (Hegman):	N/A
DOT Class:	Non-Combustible, Not Regulated
HMIS/NFPA:	1,0,0
Cure Time (Based on 70°F & 50% R.H.):	
To Touch:	30 Minutes
To Recoat:	1 Hour

Recommended Thinner: Water for clean-up and reduction for spray

Temperature Resistance: Continuous 150°F, Intermittent 200°F

CAUTION! Do not take internally. Close container after each use. Use only with adequate ventilation. KEEP OUT OF THE REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet. Protect from freezing.

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.