

Makers of



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Ecologic™ Siloxane Water Repellent

Ready-to-Use Siloxane Water Repellent

PRODUCT DESCRIPTION

Ecologic™ Siloxane Water Repellent is a ready-to-use siloxane water repellent used as a clear sealer to help give liquid-resistance to uncoated masonry, concrete, and stucco/plaster. Ecologic™ Siloxane Water Repellent improves resistance and reduces absorption of water from wind-driven rain while still maintaining substrate water vapor breathability. Can also be used as an additive in Ecologic™ Colorwash Stain or Potassium Silicate Paint to impart additional water repellent properties.

WHERE TO USE

Ecologic™ Siloxane Water Repellent can be used on most porous, absorbent masonry surfaces such as brick, stone, concrete, block, terracotta, plaster/stucco, or mortar. Surface must be free of any previously applied sealers or absorption-inhibiting paints. Ecologic™ Siloxane Water Repellent helps inhibit liquid-borne staining on interiors and exteriors, and can act as a limited anti-graffiti coating. When staining or painting with Ecologic™ Colorwash Stain or Potassium Silicate Paint, Ecologic™ Siloxane Water Repellent may be mixed in or applied as a final clear coat to increase water-resistance.

Ecologic™ Siloxane Water Repellent is alkaline (pH=8.5-9.5)

COLOR

Ecologic™ Siloxane Water Repellent is a milky white liquid that dries clear when used properly. Always do a small test area before major application to ensure compatibility. Hazing is a sign of surface incompatibility or inappropriate curing conditions.

MIXING

Ecologic™ Siloxane Water Repellent comes ready to use and does not require additional dilution. Where dilution is necessary, dilute *only* with Ecologic™ Waterglass and never with water or other thinners. When using with Ecologic™ Colorwash Stain or Potassium Silicate Paint, dilute 1 part Ecologic™ Siloxane Water Repellent to 9 parts Colorwash Stain or Potassium Silicate Paint.

COVERAGE

Approx. 225 ft² per gallon. Coverage will vary, sometimes widely, depending on surface material, absorbency, texture, and pre-treatments.

DRYING TIME

Dry to the touch after 1 hour, fully dry after 24 hours depending on ambient temperature and relative humidity. Wait 24 hours between coats if more than one coat is required.

GENERAL PREPARATION

Do not apply when surface or air temperature is below 40°F or above 110°F. When working during the winter, ensure surfaces are completely thawed and dried before application.

Surfaces must be rigid, absorbent, dry, and free of dust, oily residues, previous sealers, or paints. Excessive moisture prevents absorption. New concrete, mortar, or plaster/stucco surfaces must be fully cured at time of coating. Apply only to chemically neutral or alkali surfaces. Ensure all acidic cleaners or products have been properly neutralized. Film-forming paints such as latex, acrylic, oil, or distempers must be removed before application. For soft or friable surfaces, remove loose material and treat with Ecologic™ Waterglass 24 hours prior to application. Protect all adjacent glass,

metal, ceramic, and non-applied surfaces from splatters and remove any unintentional splatters immediately.

APPLICATION

Stir well before using. Apply by brush, roller, or airless sprayer after proper surface preparation, but ideally by spraying. Maintain sprayer within a few inches of the application surface to minimize evaporation and maximize amount of material reaching the surface. Ecologic™ Siloxane Water Repellent or materials diluted with it should be used as the final coat and applied continuously wet-on-wet, especially when using it in Ecologic™ Colorwash Stain or Potassium Silicate Paint.

SERVICE LIFE

Siloxanes like Ecologic™ Siloxane Water Repellent are long-lasting with an estimated service life of 10 years or more depending on absorbency and how much moisture a surface is processing.

CLEAN UP

Wash tools with warm soap and water immediately after use.

STORAGE

Store in a tightly sealed container in a cool, dry place where temperatures remain above freezing at all times. Do not allow product to freeze. Unopened containers have a 24 month shelf life.

SAFETY

Keep out of reach of children. Do not empty excess materials into drains or water ways, but let dry and discard solid leftover waste with regular garbage. Always wear appropriate protective gear including goggles and gloves. Do not consume. If ingested, seek advice of a qualified medical professional.

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