

SILOXANE 12

6A

A CLEAR, DEEP-PENETRATING, SOLVENT-BASED WATER REPELLENT APPLIED OVER UNTREATED MASONRY AND CONCRETE SURFACES

SILOXANE 12 is an exterior-grade, clear, deep-penetrating, solvent-based water repellent designed to be applied over untreated, properly prepared masonry, concrete, brick, block, stone, granite, limestone, concrete pavers and stucco. Siloxane 12 penetrates deeply into the substrate providing long lasting protection without darkening the substrate or leaving a sheen. **Do not use Siloxane 12 for interior applications or in any enclosed area where vapors may accumulate and concentrate. Read all other limitations and warnings before using this product.**

USES and ADVANTAGES

- Water repellent for masonry and concrete surfaces (vertical or horizontal).
- Deeply penetrates the substrate.
- Easily applied by brush, roller or low pressure pump sprayer.
- May be applied in a wide range of temperatures.
- Will not darken or leave a sheen over most substrates.
- One coat coverage for most applications.
- Breathable, does not form a film.
- UV light resistant.
- Reduces efflorescence.

SURFACE PREPARATION

Siloxane 12 is designed to be applied over untreated concrete and masonry surfaces. For optimum performance, all new masonry, concrete and stucco must age at least 28 days prior to application. Surfaces to be coated must be **DRY**, sound and clean. Siloxane 12 will not fill voids or bridge cracks. All deteriorated mortar joints, voids and

cracks must be repointed or patched then allowed to cure. Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, curing compounds, form release agents, paint or any other foreign material which might effect the bond. **SEE WARNING ON BACK PAGE REGARDING PAINT REMOVAL.** A dry removal method such as a sand or shot blasting procedure will ensure a proper surface preparation. Wet cleaning may also be used. If the size of the job does not justify the costs of such equipment, all preparations may be accomplished manually. All oil and grease must be scrubbed with a degreasing compound, rinsed thoroughly then allowed to dry. After cleaning oil or grease spots, sprinkle a little water on the cleaned surface to check for residual contamination. Oil or grease is still present if the water forms small globules. If the water is quickly absorbed, the surface is clean. Efflorescence must be washed with a mild solution of muriatic acid and water, rinsed thoroughly then allowed to dry. **Always perform a spot test (of sufficient size) prior to application in order to ensure compatibility between Siloxane 12 and the substrate as well as to confirm that the appearance and performance are acceptable.**

APPLICATION

Cover and protect all adjacent surfaces from overspray. Apply with a brush, roller or low pressure pump sprayer. Do not apply by spray in windy conditions. On vertical applications, start at the top and work down side to side with a six inch run. Saturate the surface so that enough excess flows down and can be covered by the next pass. On horizontal

surfaces, saturate while applying evenly but do not allow to pond or puddle. In most cases, single coat coverage provides maximum protection but extremely porous surfaces may require a second coat. Clean brushes and equipment immediately after use with mineral spirits.

COVERAGE

Please note that coverages will vary depending on the texture and porosity of the surface being coated.

Approximate coverage per gallon:

Concrete.....120-220 sq. ft.
Brick, Block, Limestone.....80-150 sq. ft.
Split Rib Block.....50-100 sq. ft.

LIMITATIONS

- For professional use only.
- Do not use Siloxane 12 for interior applications or in any enclosed area where vapors may accumulate and concentrate.
- Only apply Siloxane 12 over dry surfaces.
- Do not apply if rain, snow or any other precipitation is expected within 24 hours.
- Siloxane 12 may be applied in a wide range of temperatures but do not apply over any surface which is frozen or contains frost.
- Do not allow Siloxane 12 to come in contact with shrubbery, vegetation, wood, metals, raw copper, aluminum, vinyl, plastics, mastics, rubber materials, EPDM roofing materials, asphalt shingles, bituminous materials or any other materials that may be damaged or dissolved by solvents.



60 REAR NEWHALL STREET

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- Clean overspray on glass, metal or vinyl surfaces (before it dries) by wiping with mineral spirits then with glass cleaner.
- Before using this product, make sure you obtain, read and fully understand the Material Safety Data Sheet (MSDS).

WARNING!

DANGER! FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION. VAPORS MAY CAUSE FIRE. VAPORS MAY TRAVEL LONG DISTANCES TO OTHER AREAS AND ROOMS AWAY FROM WORK SITE.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere within the work area during use and until vapors are gone from the work site and all areas away from the work site. Keep away from electrical outlets and switches. Beware of static electricity that may be generated by synthetic clothing and other sources. Do not use for interior applications or in any enclosed area where vapors may accumulate and concentrate.

DANGER! VAPOR HARMFUL. DO NOT BREATHE VAPORS OR SPRAY MIST. USE ONLY WITH ADEQUATE VENTILATION TO PREVENT BUILDUP OF VAPORS. Maintain a cross ventilation of moving fresh air across the work area. If odor is noticed or if you experience dizziness, headache, nausea or eye watering -STOP- ventilation is inadequate. Leave area immediately. If the work area is not well ventilated, you **MUST** wear an appropriate, properly fitted respirator for organic solvent vapors (NIOSH approved) during and after application as well as provide a properly engineered air control system designed

to prevent vapors from exceeding TLV as listed in the Material Safety Data Sheet. Keep children, pregnant women or other hypersensitive persons away from work site and surrounding areas until all vapors are gone.

Do not use in areas where food is processed or stored unless material has cured completely for at least 28 days at room temperature.

DANGER! HARMFUL OR FATAL IF SWALLOWED. Do not take internally. Contains Petroleum Distillates. Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Intentional misuse of this product by deliberately concentrating and inhaling vapors can be harmful or fatal. Avoid contact with skin and eyes. Close container and store upright after each use. Do not reuse this container. If spilled, contain spilled material and remove with inert absorbent. Waste is EPA hazardous for ignitability. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

FIRST AID: If swallowed, do not induce vomiting. Get medical attention immediately. If eye contact occurs, immediately flush with water for at least 15 minutes. Get medical attention immediately. If skin contact occurs, flush the affected area with warm water and a mild soap. If skin irritation persists, get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300.

USE ONLY WITH ADEQUATE VENTILATION.

KEEP OUT OF THE REACH OF CHILDREN.

WARNING! If you scrape, sand or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC.**

EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN.

PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

For technical assistance call **978-453-8881.**

www.umaco.com

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.

02-01-05

- Concrete Patching & Repair Products
- Masonry Waterproofing Products
- Acrylic Admixtures & Bonding Agents



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- Decorative Masonry & Concrete Coatings
- Traditional & Synthetic Stucco Systems
- Flooring Underlayments & Resurfacers