



THE EUCLID CHEMICAL COMPANY

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SILICONE WATERPELLER® W

SILICONE WATER REPELLENT FOR MASONRY

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SILICONE WATERPELLER W is a liquid compound which penetrates the pores of treated materials and provides durable and highly effective water repellent protection. SILICONE WATERPELLER W generally dries tack-free in two to four hours, at 70°F (21°C). It protects masonry surfaces from moisture absorption, dirt and dust.

PRIMARY APPLICATIONS

- Limestone, precast concrete panels
- All calcareous building materials
- Plaster, perlite

FEATURES/BENEFITS

- Transparent
- Keeps water out but lets dampness escape
- Minimizes efflorescence
- Reduces deterioration by reducing freeze/thaw damage
- Reduces masonry cleaning costs
- Protects with one application

SPECIFICATIONS/COMPLIANCES

- 3% siliconate solids - complies with requirements of Indiana Limestone Institute.
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Waterproofing Sealers and Treatments with a maximum V.O.C. content of 600 g/l.

TECHNICAL INFORMATION

Typical Engineering Data

TEST RESULTS

Water Absorption of Treated Masonry*

Percent Water Absorption

Masonry Material	Exposure	Untreated	Treated
Mortar Cubes	72 hours	9.05	.65
Indiana Limestone	72 hours	3.77	.16

* All samples given a 5 second dip in SILICONE WATERPELLER W cured for 40 hours and then immersed in 1/4" (6 mm) water.

Appearance-SILICONE WATERPELLER W is clear liquid which dries transparent. After placing, the color of the concrete may initially appear darker than the surrounding concrete. As the sealer cures and dries out, the treated concrete will have a natural appearance in dry weather. Treated concrete will bead water.

Shelf life is 1 year in original, unopened package.

V.O.C. 0 g/l

COVERAGERATES

One gal of SILICONE WATERPELLER W will treat 75 - 200 ft² (one liter treats 1.8-4.9 m²) of masonry or concrete, depending on the porosity of the surface.

PACKAGING

SILICONE WATERPELLER W is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case.

DIRECTIONS FOR USE

Surface Preparation-Cracks and open joints must be tuck-pointed and all loose particles, dirt, grease and wax removed from the surface. Silicone solutions will not hide or correct structural defects such as cracking.

Preferred application is by low pressure spray of 10 psi (0.07 MPa) nozzle pressure. In vertical work a run down of 6-12" (152-305 cm) is necessary. Avoid atomization - flood the surface.

Placement:

Must be applied in one liberal application to either dry or damp surfaces. For best results application should not be made if rain is expected within the next 6 hours.

Mixing-SILICONE WATERPELLER W is ready to use and requires no pre-mixing.

SPECIAL INSTRUCTIONS

Exceptionally porous material, such as block, should be filled with a block filler such as EUCO WALL FINISH before treating with SILICONE WATERPELLER W. On very dense surfaces, such as hard burned or glazed brick or tile where the run down is too rapid, keep the surface wet with the SILICONE WATERPELLER W for as long as is practical for maximum protection.

PRECAUTIONS/LIMITATIONS

- SILICONE WATERPELLER W is made from siliconates and is highly alkaline. Goggles and rubber gloves should be worn. Avoid the use of aluminum pumps, piping and application equipment. Avoid contact with window glass or aluminum window sections. Overspray with Silicone Waterpeller W must be removed at once with clear water. If allowed to dry, it will etch aluminum and glass.
- **Not recommended for use on clay based material including clay brick.**
- Minimum application temperature for either product is 45°F (7°C).
- Protect shrubs, grass and other vegetation from silicone solutions.
- No traffic until the product has cured and dried.
- SILICONE WATERPELLER W is a water based material and must be kept from freezing.



Form Silicone Waterpeller W-04.01

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