

EPROSIL Water Sealer

Seals Every Deal When It Comes To Water And Graffiti Protection



Super Cost Effective One Coat Application

- Extremely clear, penetrating film which does not discolor with ultraviolet rays.
- Exceptional flexibility after curing, allowing for structural movement.
- Extensive breathability, allowing air to escape from substrate.
- Excellent water-repelling characteristics for long term protection.
- Extended resistance to salts, chemicals, and mildew.

COVERAGES

	Per Sq.Ft./Gal
Exterior Brick	125-150
Concrete	100-200
Stucco	125-200
Rough Stone	100-175
Smooth Stone	150-200
Rough Wood	75-125
Smooth Wood	150-200
Wood Shingles	75-125
Light-weight Block	50-100
Dense Block	80-100
Clay Tile	75-100

Packaging

Available in 55 gal. drum, 1 gal., 5 gal. containers

TYPICAL UNCURED PROPERTIES

Specific Gravity81
Solids By Volume	
Regular	5%
Extra Strength	12%
Super	18%
Concentrate	30%

TYPICAL CURED PROPERTIES

Initial Cure	1 hour
Final Cure	24 hours depending on substrate
Tensile Strength (MPa-ASTM D412)	270 psi
Elongation (ASTM D412)	415%
Perm Rate (ASTM E96-66, Method B)	7.06
Durometer Hardness (ASTM D676, Shore A)	32
Brittle Point (ASTM D746)	-73°C
Accelerated Weathering (ASTM G23) 10,000 hrs	No Change

EPRO SERVICES
P.O. Box 347
Derby, KS 67037 USA



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EPROSIL Specifications

1. PRODUCT NAME

EPROSIL (RTV Silicone Sealer)

2. MANUFACTURER

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P.O. Box 347
Derby, KS 67037
PHONE: 800-882-1896
FAX: 316-262-2529

3. PRODUCT DESCRIPTION

Basic Use: EPROSIL is designed to be a clear, long lasting penetrating waterproofing sealer for use on a variety of surfaces including wood, concrete, stucco, brick, block, tile, and canvas. EPROSIL in a concentrate acts as an anti-graffiti barrier by filling voids in porous surfaces and minimizing the graffiti penetration, thus allowing for the graffiti removal with an approved cleaner and low pressure water spray. EPROSIL increases the resistance to mildew, mold, and chemical and salt attack to the surface material.

Composition: EPROSIL is a solvent-based inorganic sealer containing liquefied polydimethyl siloxane (silicone rubber) and other additives, which exhibits excellent water repellency and breathability.

Benefits:

- Extremely clear, penetrating film which does not discolor with ultraviolet rays.
- Exceptional flexibility after curing, allowing for structural movement.
- Extensive breathability, allowing air to escape from substrate.
- Excellent water-repelling characteristics for long-term protection.
- Extended resistance to salts and chemicals.

Limitations:

- Should be applied to clean and dry surfaces.
- Adjacent areas and surfaces should be protected from contact with the product.

- Should not be applied when inclement weather is imminent.
- Care should be taken when applying below freezing (32°F) for moisture in the form of ice crystals in the substrate.
- Should not be applied where vapor barrier is required.
- Paint adhesion after application may be difficult unless paint contains silicone. Care should be taken over substrates containing solvent soluble pigments or material such as found in certain native stones and asphalts.
- A test area should always be done to verify compatibility of substrate with product.
- Excess material must always be removed from surface to prevent slipperiness.

4. TECHNICAL DATA

Properties: See chart.

Coverages: See chart.

• Specification Writer:

Contact EPRO Services before writing specifications on this project. Test information available upon request.

5. INSTALLATION

Preparation: Must include but not limited to:

- All surfaces should be dry and free of loose materials, release oils and other contaminants. These should be removed prior to application by power washing or appropriate cleaner. Cleaner must always be thoroughly rinsed from substrate prior to application of EPROSIL.
- A test should always be done prior to application using the same cleaning and application procedures to be used on the project.

Application:

- Should be applied in accordance with specific application specifications.
- Apply EPROSIL by low pressure spray unit, brush, or roller. Spray to saturation level, with a minimum 8- inch rundown. Do not apply when inclement weather is imminent. Cover and protect all surfaces not to be treated (i.e. glass, painted surfaces, and shrubbery). Imme-

diately wash off any material on non-treated surfaces with mineral spirits or paint thinner.

Cleaning:

Clean all tools with mineral spirits or paint thinner.

AVAILABILITY AND COST:

Contact the local distributor and/or Authorized Applicator for availability and cost.

7. WARRANTY

Limited Warranty: EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO's liability shall be limited in all events to supplying sufficient product to retreat the specific areas to which defective product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors. Extended warranties are available only through Authorized Applicators.

8. MAINTENANCE:

No maintenance required.

9. TECHNICAL SERVICES AND INFORMATION:

Complete technical services and information are available from EPRO Services.



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