



PRICE RESEARCH, LTD.
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PRODUCT DATA

PRICE SILANE 40 Liquid Penetrating Sealer For Concrete Surfaces

PRODUCT NAME: PRICE SILANE 40
Liquid Penetrating Sealer for Concrete Surfaces

MANUFACTURER: PRICE RESEARCH, LTD.
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 Kansas City, MO 64129
 Phone: (816) 924-5955

PRODUCT DESCRIPTION

Basic Use

PRICE SILANE 40 is a deep penetrating sealer designed to protect concrete surfaces, decks, brick masonry, pavements, parking structures, ramps, bridges, marine platforms, etc.. PRICE SILANE 40 protects against corrosive adverse effects or de-icing salts (chloride screen) moisture, weathering, spalling and scaling of concrete structures.

Composition & Materials

PRICE SILANE 40 is composed of organofunctional Alkyl Alkoxy Silane in suitable petroleum hydrocarbon solvent.

Features

1. Provides excellent chloride screen. **2.** Extremely high alkali resistance. **3.** Dries tack-free and skid-resistant. **4.** Long lasting protection for new as well as old concrete surfaces. **5.** Spalling and sealing of concrete is eliminated.

Recommended For

• Any Concrete Structures • Parking Structures • Lane Barriers • Bridges • Ramps • Marine Platforms

Limitations

1. Not suitable for asphaltic surfaces. **2.** Not recommended to be used at or below 40°F temperature. **3.** Test all surfaces for suitability. **4.** It has excellent adhesion to glass surfaces. **5.** Keep off glass surface or clean it immediately.

TECHNICAL DATA

Meets the following specifications

1. Federal Specification SS-W-110C
2. Alberta Transportation and Utility procedure (ATST2a)

Type	Organofunctional siloxane and silane
Flash Point	112°F (44°C)
Shelf Life	6 months
Solvent	Mineral Spirits
Active Solids	40%

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Data	Value	Test Method
Chloride Screened	94%	NCHRP #244 Series II 125 sq.ft./gallon
Chloride Screened	97%	NCHRP #244 Series IV (southern exposure testing) 125 sq.ft./gal.
Repellency Factor	98.6%	NCHRP #244 Test Method.
Water Absorption	0.364%	ASTM C-642 24 Hours
Scaling Resistance	No Scaling	ASTM C-672 50 cycles and 125 cycles

DIRECTIONS FOR USE: TEST FIRST

New Concrete:

Surface should be well cured using water, wet burlap, polyethylene or curing paper. Surface should be free of all dust, debris, oil and tar. All joint sealant and caulks and patching should be in place before applying PRICE SILANE 40.

Old Concrete

Remove dirt, dust, tar, oil, etc. with pressure wash and PRICE NON-ACID MASONRY CLEANER. Membrane of any kind should be removed.

APPLICATION

Equipment

Roller, brush or low pressure sprayer.

Horizontal Surfaces

Flood surface using low pressure sprayer (airless sprayer 10 psi to 20 psi), roller, brush or broom. Broom or squeegee PRICE SILANE 40 around for even distribution. Let the surface absorb the PRICE SILANE 40 solution and follow-up immediately with a second application before the surface dries. Redistribute any puddles or free standing material.

Vertical Surfaces

Apply by sprayer, roller or brush in two applications from bottom up. Be sure to apply "wet on wet" method as described for horizontal surface. For vertical surfaces let the material run down 5 to 20 inches saturating the surface from contact point of spray. Follow up with second application before surface dries.

Coverage Rate	
Exact coverage will depend upon the porosity of surface and density	
Brick Masonry	150 - 200 sq.ft. / gallon
Concrete (broom finish)	100 - 125 sq.ft. / gallon
Concrete (smooth)	125 - 175 sq.ft. / gallon
Concrete (steel trowel finish)	150 - 200 sq.ft. / gallon
Stucco	100 sq.ft. / gallon
Exposed Aggregate	100 - 150 sq.ft. / gallon
Concrete Block	75 sq.ft. / gallon

Clean Up

Use mineral spirits or xylene to clean tools and equipment.

Precautions:

- Use in well ventilated areas only.
- Do not dilute or alter the PRICE SILANE 40.
- Protect glass, metal and other non-masonry surfaces from over spray.
- Do not use at temperature below 40°F (4°C).
- Do not use over curing membrane.
- PRICE SILANE 40 initial cure will be in 16 to 24 hours. Maximum cure will require up to 7 days.

AVAILABILITY AND COST

Please contact Price Research, Ltd. by calling (816) 924-5955.

LIMITED WARRANTY

Price Research, Ltd. has no control over the storage, handling or use of this product, thus the guarantee is limited to the purchase price of the defective material only.

TECHNICAL SERVICES

Call (816) 924-5955 and ask for Technical Service.