



PRICE RESEARCH, LTD.
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PRODUCT DATA

PRICE-SEAL SILOXANE-30

PRODUCT NAME: PRICE-SEAL SILOXANE-30

MANUFACTURER: PRICE RESEARCH, LTD.
3511 Stadium Drive
Kansas City, MO 64129
Phone: (816) 924-5955

PRODUCT DESCRIPTION:

PRICE-SEAL SILOXANE-30 is a liquid penetrating sealer for concrete surfaces.

Basic Use:

PRICE-SEAL SILOXANE-30 is a deep penetrating sealer designed to protect concrete surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms, etc.. PRICE-SEAL SILOXANE protects against corrosive, adverse effects of de-icing salts (chloride screen) moisture, weathering, spalling and scaling of concrete structures.

Composition and Materials:

PRICE-SEAL SILOXANE-30 is composed of organofunctional silane and organofunctional siloxane in suitable petroleum hydrocarbon.

Features:

- Provides excellent chloride screen
- Extremely high alkali resistance
- Dries tack-free and skid-resistance surfaces
- Long lasting protection for new, as well as old, concrete surfaces
- Spalling and sealing of concrete is eliminated

Recommended For:

- Any concrete structures
- Parking Structures
- Lane Barriers
- Bridges
- Ramps
- Marine Platforms

Limitations:

- Not suitable for asphaltic surfaces.
- Not recommended to be used at or below 40°F temperature.
- Test all surfaces for suitability (has excellent adhesion to glass surfaces).
- Keep off glass surface or clean immediately.

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TECHNICAL DATA:

Type	Organofunctional siloxane and silane
Flash Point	112°F (44°C)
Shelf Life	6 months
Solvent	Mineral Spirits
Active Solids	30%

<u>DATA</u>	<u>VALUE</u>	<u>TEST METHOD</u>
Chloride Screened	96%	NCHRP #244 Test Method. One application 100 sq.ft. / gal.
Repellency Factor	92%	NCHRP #244 Test Method.
Water Absorption	0.370%	ASTM C-642 / 24 hrs.
Scaling Resistance	No Scaling	ASTM C-672 / 50 cycles and 125 cycles.

DIRECTION FOR USE: TEST FIRST

Surface Preparation:

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 sealants, caulk and patching should be in place before applying PRICE-SEAL SILOXANE-30.

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-Seal Siloxane around for even distribution. Let the surface absorb the PRICE-SEAL SILOXANE-30 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 10 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 the surface and density.	
Concrete (broom finish)	100 sq.ft. / gal.
Concrete (smooth)	125 - 175 sq.ft. / gal.
Concrete (steel trowel finish)	150 - 200 sq.ft. / gal.
Stucco	100 sq.ft. / gal.
Exposed Aggregate	100 - 150 sq.ft. / gal.
Concrete Block	75 sq.ft. / gal.

Clean Up:

Use mineral spirits or xylene to clean tools and equipment.

Price-Seal Siloxane-30 continued...

Precautions:

- Use in well ventilated areas only
- Do not dilute or alter the Price-Seal Siloxane
- 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-SEAL SILOXANE-30 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.

Phone: (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 SERVICE:

Call Price Research, Ltd. at (816) 924-5955 and ask for Technical Service.