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PRODUCT DATA

PRICE SILOXANE-44 Liquid Penetrating Sealer For Concrete Surfaces

PRODUCT NAME: PRICE SILOXANE-44
Liquid Penetrating Sealer for Concrete Surfaces

MANUFACTURER: PRICE RESEARCH, LTD.
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 Phone: (816) 924-5955

PRODUCT DESCRIPTION

Basic Use

PRICE SILOXANE-44 is a deep penetrating sealer designed to protect concrete surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms, etc.. PRICE SILOXANE-44 protects against corrosive adverse effects or de-icing salts (chloride screen) moisture, weathering, spalling and scaling of concrete structures.

Composition & Materials

PRICE SILOXANE-44 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

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

| Data | Value | Test Method |
|------------------------------|----------------------|--|
| Chloride Screened | 98% | NCHRP #244 Test Method. On application 125 sq.ft. / gallon |
| 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 |

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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 SILOXANE-44.

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 SILOXANE-44 around for even distribution. Let the surface absorb the PRICE SILOXANE-44 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

| | |
|--|---------------------------|
| 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 SILOXANE-44.
- 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 SILOXANE-44 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.