



PRICE RESEARCH, LTD.
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PRODUCT DATA

PRICE-SEAL SILOXANE WB-100

PRODUCT NAME: PRICE-SEAL SILOXANE WB-100
MANUFACTURER: PRICE RESEARCH, LTD.
 3511 Stadium Drive
 Kansas City, MO. U.S.A. 64129
 Phone: (816) 924-5955

PRODUCT DESCRIPTION

PRICE-SEAL SILOXANE WB-100 is a liquid penetrating water repellent for masonry surfaces. It is a concentrate and designed to be diluted with water at job site.

Basic Use

PRICE-SEAL SILOXANE WB-100 is a deep penetrating sealer designed to protect masonry surfaces, decks, pavement parking structures, ramps, bridges, marine platforms, etc.. PRICE-SEAL SILOXANE WB-100 protects against corrosive, abrasive effects of de-icing salts (chloride screen), moisture, weathering, spalling and scaling of masonry surfaces.

Composition & Materials

PRICE-SEAL SILOXANE WB-100 is composed of organofunctional silane and organofunctional siloxane.

Features

1. Provides excellent chloride screen. **2.** High alkali resistance. **3.** Dries tack-free and skid resistance surfaces. **4.** Long lasting protection for new as well as old masonry surfaces. **5.** Spalling eliminated.

Recommended For

□ Blocks □ Concrete □ Brick Masonry □ Marble and Limestone □ Granite □ Sandstone and Slate

Limitations

1. Diluted product must be used in 24 hours for maximum effectiveness. **2.** Not recommended to be used below 40°F of air and surface temperature. **3.** Not suitable for asphaltic surfaces.

TECHNICAL DATA

Type	Organofunctional siloxane and silane
Flash Point	200°F (concentrate) 300°F (1 to 10 dil.) 300°F (1 to 15 dil.)
Active Solids	100%
Voc	Comply (in concentrate as well with dilution)

Data	Value	Test Method
Chloride Screened	96%	NCHRP #244 Test Method. (1 to 10 dilution of concentrate)
Repellency Factor	92%	NCHRP #244 Test Method.
Water Absorption Test	0.52%/48 hrs.	ASTM C-642 and OK D.O.T. STD.
Scaling Resistance Test0 Rating (No Scaling).	ASTM C-672 (50 and 125 cycles)
Yellowing	None	N/A
Water Permanence Test	99.8 (min.)	ASTM E-514
Moisture Vapor Transmission Rate	48 gms. (Ft ² /24 hrs at 77°F)	ASTM E 96-90
Efflorescence	High Resistance	NBS-883

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DIRECTIONS FOR USE: TEST FIRST

New Concrete:

Surface should be well cured using water, wet burlap, or curing paper. Surface should be free of all dust, debris, oil and tar. All joint sealants and caulks and patching should be in place before application.

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.

Vertical Surfaces

Flood surface using low pressure sprayer (airless sprayer 10 psi to 20 psi), roller, brush or broom. Broom or squeegee product (diluted) around for even distribution. Let the surface absorb the solution. Redistribute any puddles or free standing material.

Horizontal Surfaces

Apply by sprayer, roller or brush in two applications from bottom up. Be sure to apply "wet on wet" method. 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.

Dilution Rate

Use only clean portable water for dilution. Use only plastic container for dilution.

Vertical Surface Use

Porous	1 part concentrate to 10 parts water
Semiporous	1 part concentrate to 15 parts water
Dense	1 part concentrate to 20 parts water

Horizontal Surface Use

Porous	1 part concentrate to 5 parts water
Semiporous	1 part concentrate to 8 parts water
Dense	1 part concentrate to 10 parts water

Coverage Rate (per diluted product per gallon)	
Exact coverage will depend upon the porosity of surfaces.	
Brick	150 - 200 sq.ft. / gallon
Limestone	100 - 150 sq.ft. / gallon
Concrete	125 - 200 sq.ft. / gallon
Blocks	75 - 125 sq.ft. / gallon
Stucco	125 - 200 sq.ft. / gallon

Clean Up

Use water to clean equipment.

Precautions:

- Use in well ventilated areas only.
- Protect all non-masonry surfaces including glass and aluminum from over spray.
- Do not use at temperature below 20°F.
- Use plastic container for dilution.
- Products initial cure will be in 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.