



PRICE RESEARCH, LTD.
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PRODUCT DATA

PRICE SILOXANE - 6.7

PRODUCT NAME: PRICE SILOXANE - 6.7

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

PRODUCT DESCRIPTION:

An alkyl-group alkoxy siloxane deep penetrating water repellent. It is designed for above grade masonry, concrete, stucco and sandstone surfaces. (Breathable)

Basic Use:

PRICE SILOXANE - 6.7 is an alkyl-group alkoxy siloxane. This formula reacts chemically with silica in the substrate forming a hydrophobic reaction. It provides excellent protection against acid rain, alkali, efflorescence, mildew, and of course, moisture intrusion. Although this product will not allow moisture intrusion, it does provide excellent vapor transmission guarding against freeze-thaw, spalling, etc..

PRICE SILOXANE - 6.7 can be used on above ground masonry surfaces, concrete, stucco, sandstone, etc..

APPLICATION: TEST FIRST

1. Surfaces to be treated should be free of dirt, airborne contaminants and moisture. It is extremely important that the surface be completely dry.
2. New concrete, mortar, stucco, etc. should be allowed to cure at least 14 days before application of PRICE SILOXANE - 6.7.
3. Can be applied with low-pressure spray equipment, brush or roller.
4. When using low-pressure equipment, apply a light mist coat to break the surface tension. This allows for good penetration. Repeat the process with a flood coat (4 to 6 inch run down).
5. **CAUTION:** Do not alter the material as supplied in container. Avoid using rubber hoses, seals, etc. as the solvents may have an adverse effect with these materials, causing staining and discoloration.
6. **NOTE:** A test panel should be performed to insure compatibility.

Limitations:

- Air and surface temperatures must be above 40° F during application.
- Caulking should be installed prior to application.
- Not recommended for lightweight or concrete block, ask for PRICE BLOCK SEAL 300. For limestone surfaces use PRICE STONE PROTECTOR.

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- Protect surrounding non-masonry surfaces such as glass, aluminum, etc..
- Inadvertent splashes should be removed with mineral spirits before the solution has dried.
- NOTE: Store at temperatures above freezing.

COVERAGE RATE:

<u>Substrate</u>	<u>Sq.Ft. Coverage Per Gallon</u>
Brick	150 - 200 depending on porosity
Concrete	200 - 250 depending on texture
Sandstone	125 - 150 depending on density
Stucco	150 - 200 depending on texture

TECHNICAL DATA:

Material	Alkyl-group alkoxy siloxane
Form	Opalescing liquid
Total Solid	6.7%
Solids After Reaction	5.0
Flash Point	102° F
Weight Per Gallon	6.6 lbs.
Specific Gravity0792
Solvent	Mineral Spirits
VOC Content (EPA Method-24)	Less than 170 grams/liter
Average Depth Penetration0,15" depending on substrate
Water Absorption Test (ASTM C642-82) (OK. DOT. STD.)	0.52%/48 hrs.
Scaling Resistance Test (ASTM C672-84) (Non-air-entrained Concrete)	0 rating "No Scaling"
Yellowing	None
Water Permanence Test of Masonry (ASTM E514-86) Percentage reduction of leakage on block wall	99.8% (min.)
Moisture Vapor Transmission Rate (ASTM E96-90)	48 grams (Ft. ² /24 hrs. at 77°F
Accelerated Weathering (QUV) Testing 2500 hrs.	No less repellency
Efflorescence (NBS-883)	Highly resistant
Surface Appearance After Application	Unchanged to slight darkening
Permeability (ASTM D-1653) (Treated and untreated specimen)	Minimum 80% breathable

LIMITED GUARANTEE:

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 SUPPORT:

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