



**PRICE RESEARCH, LTD.**  
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# PRODUCT DATA

## PRICE SILANE 20 Liquid Penetrating Sealer For Concrete Surfaces

**PRODUCT NAME:** PRICE SILANE 20  
**Liquid Penetrating Sealer for Concrete Surfaces**

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

### PRODUCT DESCRIPTION

#### Basic Use

PRICE SILANE 20 is a deep penetrating sealer designed to protect concrete surfaces, decks, brick masonry, pavements, parking structures, ramps, bridges, marine platforms, etc.. PRICE SILANE 20 protects against corrosive adverse effects or de-icing salts (chloride screen) moisture, weathering, spalling and scaling of concrete structures.

#### Composition & Materials

PRICE SILANE 20 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 . . . . .	20%

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Data	Value	Test Method
Chloride Screened . . . . .	96% . . . . .	NCHRP #244 Test Method. On application 125 sq.ft. / gallon
Repellency Factor . . . . .	96.6% . . . . .	NCHRP #244 Test Method.
Water Absorption . . . . .	0.370% . . . . .	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 20.

**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 20 around for even distribution. Let the surface absorb the PRICE SILANE 20 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 20.
- 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 20 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.