

BASIC USES

Adhesion promoting prime coat for use when applying exterior grade architectural wall coatings over existing silicone-based coatings on above-grade exterior masonry, EIFS, or metal panel substrates.

MANUFACTURER

Pecora Corporation

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PRODUCT DESCRIPTION

SilcoPrime is a STPU based prime coat specifically formulated to act as an interlaminary primer for restoration of exterior masonry walls and EIFS panels with a pre-existing silicone-based coating. Its function is to promote the adhesion at the interface of exterior-grade, non-silicone-based architectural wall coatings applied over existing silicone-based wall coatings.

PRODUCT ADVANTAGES:

- Aggressive long-term adhesion to silicone-based coatings
- VOC compliant
- Low odor
- Fast curing
- Enhanced compatibility with a diverse selection of substrates and coatings
- Easy to apply
- Low temperature application

Limitations

- Do not use on below grade applications or for immersion service.
- Dilution or thinning with solvents or paint thinner is not recommended.
- Not to be used as stand-alone topcoat.

TECHNICAL DATA

Refer to the Typical Physical Properties table for specific product characteristics.

INSTALLATION

Pre-Project Testing:

- Apply to a 10-15 sq ft test area to verify acceptable adhesion to substrate.
- Verify acceptable adhesion per ASTM C3359 Coating Adhesion by Tape (qualitative) procedure or D4541 Pull Off Adhesion Strength or ASTM C794 Peel Adhesion (quantitative) test procedures. For warranty purposes, only quantitative test results are accepted. A pull off adhesion strength value of ≥ 50 psi per ASTM D4541 or peel adhesion strength value of ≥ 5 pli per ASTM C794 are considered acceptable for warranty purposes. Refer to Pecora Technical Bulletin #220 and #220A for field test procedure guidelines and performance requirements. Field test methods employed should be agreed upon by applicator and coating manufacturer prior to mock-up installation.
- Proper application of the coating is the responsibility of the applicator. Consult Pecora Technical Services with inquiries regarding application and field testing.

PACKAGING

- 5-gallon (18.9L) pails

COLOR

- White

Surface Preparation

Existing wall coatings and/or substrates should be clean, dry and free of contaminants. Pressure washing is typically acceptable and should be limited to 1000psi maximum pressure to prevent damaging the existing coating/substrate. Allow wall surface to dry prior to SilcoPrime application. Refer to architectural coating manufacturer for additional surface preparation guidelines.

Application

Apply SilcoPrime in a single coat via a brush, spray, or roller. Maintain the recommended coverage rate of 300 to 500 sq ft / gallon (3 to 5 wet mils) using a 1/4" to 3/8" nap roller.

SilcoPrime has been pre-approved for use over the Pecora NST line of architectural silicone based sealants. When applying SilcoPrime over sealants other than Pecora NST sealants, consult Pecora Technical Service for recommendations. Field testing is always recommended to ensure proper adhesive

TABLE 1: TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Solids Content, by volume (%)	41.7	Pecora Corporation
Viscosity (cps)	525	Pecora Corporation
VOC g/l	<98 g/L	ASTM D3960
Density, lbs./gallon	8.4	Brookfield
Dry Time, hours 5 mils@ 73°F/50%rh	5	Pecora Corporation
Coverage Rate (sq ft/gal)	300-500	Pecora Corporation
Application Temperature	10°F (-12°C) to 120°F (49°)	Pecora Corporation
Service Temperature	-20°F (-29°C) to 180°F (82°)	Pecora Corporation
Pull Off Adhesion Strength, psi	≥ 50	ASTM D4541
Color	White	Pecora Corporation

performance under specific project site conditions. When applied over silicone-based coatings and sealants at normal conditions (75F/50%RH) the SilcoPrime will be dry to the touch and ready to accept topcoat after approximately a five-hour dry time.

Spray application is achieved using common paint spray application equipment capable of achieving 3000 psi pressures at the gun. All spray equipment should be cleaned and purged with isopropyl alcohol or contact Pecora Technical Services for further information.

Primer Exposure Prior to Overcoating

SilcoPrime may be left exposed up to 14 days in the event the overcoat material cannot be applied within 48 to 72 hours. When overcoating within the 14 day window, inspect the existing SilcoPrime to confirm the applied primer is clean and dry. If clean and dry, overcoating may take place. If subjected to rain events, a field adhesion test including the overcoat material is required to confirm the SilcoPrime is performing as intended. If excess dirt accumulation is observed, contact the Pecora Technical Service Group for cleaning recommendations. Be aware that certain conditions may require a subsequent application of the SilcoPrime.

Cleaning

Pecora recommends 100% isopropyl or denatured alcohol solvents for cleaning of tools and brushes. (Caution: Cleaning solvents may be flammable and toxic. Observe solvent manufacturers' SDS precautions.)

Shelf Life & Storage

One (1) year from date of manufacture when stored in original, unopened containers at temperatures between 50°F (10°C) and 80°F (27°C).

PRECAUTIONS

Use with adequate ventilation and avoid breathing of the vapors. In closed areas, wear approved breathing apparatus, protective clothing and eye protection. Avoid contact with skin. Avoid ingestion.

AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com

WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published

recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty, or the choice of remedy available under this warranty, shall be made in our sole discretion and may decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

TECHNICAL SERVICES

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call the Technical Service Department at 800-523-6688.

FILING SYSTEMS

CSI MasterFormat Designation
-09 96 00: High Performance
Coatings