

WeatherClad™

Elastomeric Acrylic Wall Coating

Specification Data Sheet



1. BASIC USES

- WeatherClad can be used on exterior concrete, stucco, concrete block, EIFS, and previously painted surfaces. Hairline cracks (less than 1/16" wide) can also be filled.

2. MANUFACTURER

Pecora Corporation
165 Wambold Road
Harleysville, PA 19438
Phone: 215-723-6051
800-523-6688
Fax: 215-721-0286
Website: www.pecora.com

3. PRODUCT DESCRIPTION

WeatherClad is a breathable, high solids acrylic elastomeric coating for exterior masonry surfaces. It has exceptional flexibility, sealing and adhesion characteristics to provide optimum protection to surfaces subject to thermal movement.

Limitations:

- Do not apply to frozen or frost-covered surfaces or at temperatures (substrate or ambient) at or below 40° F (4° C) or when temperatures are expected to drop below 40° F (4° C) within 24 hours after application.
- Do not apply if rain is expected within 24 hours of application.
- Keep from freezing while in storage.
- Do not use on below grade applications or for immersion service.
- Do not use where there may be hydrostatic water transfer from the backside of the substrate.
- Do not apply to improperly sealed substrates that are subject to rising dampness or migrating moisture.
- Do not apply WeatherClad to sloped or horizontal surfaces.
- Application of nonelastomeric topcoats could reduce the performance properties of WeatherClad.

PACKAGING

- 5-gallon pails

COLORS

Available in 29 standard colors. (See WeatherClad Color Chart for details)

- Do not apply over cracks greater than 1/16 inch width.
- Avoid storage at temperatures <35°F.

4. TECHNICAL DATA

The application properties of WeatherClad provide a uniform continuous coating over smooth and rough surfaces. It is crack resistant and has outstanding color retention properties. See Typical Testing Properties chart for specified product characteristics.

5. INSTALLATION

Pre-Project Testing:

- Apply a 10 to 16 sq ft test area to verify acceptable color, texture and adhesion before full scale production.
- Verify proper adhesion utilizing ASTM D 3359, Measuring Adhesion by Tape,

Method A. On the 0 – 5 scale, a minimum adhesion rating of 4A is required.

- Consult all current Specification data and SDS which can be found at www.pecora.com.
- Proper application is the responsibility of the user.
- Field visits by Pecora personnel are for the purpose of technical consulting and field adhesion testing only and not for quality control purposes.

Surface Preparation: Remove dirt, grease, chalk, and other foreign contaminants by power washing, wire brushing and/or substrate should be removed and repaired properly.

Large cracks (greater than 1/16") should be treated with Dynatrol I-XL urethane sealant. Allow sealant to cure 7-10 days before coating application.

An acrylic block filler is recommended on new concrete block to fill the voids. Consult our Technical Services department for product recommendations.

Priming: WeatherClad may require primer. Adhesion testing is recommend-

TYPICAL PHYSICAL PROPERTIES

| Test Property | Value | Test Procedure |
|--------------------------------------|---|--------------------|
| Flash Point | None | Pecora Corporation |
| Gloss | Low Sheen | |
| Moisture Vapor Permeability, 10 mils | 25 Perms | ASTM E96 |
| Recommended DFT per Coat | 10 Mils | |
| Solids | | |
| By Volume | 50.2±2% | Pecora Corporation |
| By Weight | 64.0±2% | Pecora Corporation |
| Tensile Strength | 325psi@25°C@10mils DFT | ASTM D2370 |
| Elongation (%) | 807%@ 75°F@10mils DFT | ASTM D2370 |
| Theoretical Coverage | 760 sq. ft. per gal @ 1 dry mil.; 50-100 sq. ft. per gal @ 10 mils DFT | |
| Type | Acrylic | |
| Viscosity | 105-110 KU | |
| VOC (g/L) | <100 | ASTM D3960 |
| Weight per gallon (lbs.) | 11.5±1% | Pecora Corporation |

ed, either in the field or in Pecora's laboratory. Where primer is needed, Pecora recommends Pecora P-165 primer. Please contact our Technical Services department for more information.

Application: WeatherClad can be applied by brush, roller, or airless sprayer. Apply generously and work into all cracks and voids to obtain a continuous coating. Maintain the recommended coverage rate for optimum water protection. Extremely rough and/or porous surfaces may require two (2) coats. Dry film thickness should be minimum 10 mils. Always keep a 'wet edge' to avoid ridging and overspreading. Never stop in the middle of the wall and always complete one wall at a time.

Airless Spray Application: Airless spray application requires thinning of WeatherClad with water at a 4oz. per gallon dilution rate. Brush or roller applications do not require thinning.

Specifications for Airless Spray:

Pump: Piston-type with a 1-1/4 GPM flow rate and 3,000 PSI of pressure.

Tip Size: # 627, between 0.023" and 0.031".

Hose: 1/4" or 3/8" I.D.

Filters: 30 mesh high pressure.

Coverage: To obtain 10 mils dry film thickness, apply at a rate of 50-100 square feet per gallon. This rate will depend upon the porosity of the surface.

Drying Time: At 77°F (25°C) and 50% R.H.:

To Touch: 2-4 Hours
To Recoat: 4-6 Hours

Clean Up: Clean all tools and equipment with warm soapy water. Spray equipment must be flushed with paint thinner or mineral spirits to prevent rusting.

Shelf Life: One (1) year from date of manufacture when stored in original, unopened container.

WARNING! Lead Hazard:

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH - approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Precautions: Use with adequate ventilation or wear an appropriate NIOSH-approved respirator. Contact with uncured sealant or with vapors generated during curing may cause respiratory tract irritation. Contact with skin or eyes may cause irritation or allergic reaction. Contact with skin or eyes may cause irritation or allergic reaction. If splashed into eyes, flush at once with water for 15 minutes and consult a physician. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Refer to material Safety Data Sheet (SDS) for more information.

**FOR PROFESSIONAL USE ONLY.
KEEP OUT OF THE REACH
OF CHILDREN.**

6. MAINTENANCE

Remove normally occurring contaminants by power washing. Graffiti could be painted over or may have to be removed.

7. 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.

8. 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 information and assistance, please call our Technical Services department at 215-723-6051 or 800-523-6688.

9. 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 any 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.

10. FILING SYSTEMS

<http://www.4specs.com>
09 96 00 High Performance Coatings

