

Concrete Resurfacer



Specification Data Sheet



Polymer Modified Resurfacer

1. BASIC USES

- Commercial and residential applications
- Walkways
- Concrete stairs
- Garage Floors
- Pool decks
- Patios
- Driveways

2. MANUFACTURER

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800-523-6688
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3. PRODUCT DESCRIPTION

Pecora Concrete Resurfacer is a polymer modified cement based product used for resurfacing old concrete.

Advantages: Pecora Concrete Resurfacer offers the following features –

- Excellent bond to old concrete, down to feather edge
- Hardens quickly
- Less expensive alternative to concrete replacement
- Self curing, no additional curing compounds needed

PACKAGING

• 50 lbs. (22.7kg) moisture resistant bag
Requires 4 to 5.5 quarts (3.8 to 5.2L) of clean potable water per 50 lb. bag.
Yield - One 50 lb. bag yields approx. 100ft.² (9m²) at 1/16" (2mm) or 50 ft²(5 m²) at 1/8" (3mm)

COLOR

• Dries to a light gray color, however cements will vary in color affecting the color of concrete. Age and job site conditions will also affect color therefore Pecora Concrete Resurfacer may not match the distressed concrete. A test application is recommended to determine color suitability.

- Polymer modified
- Suitable for interior or exterior use
- Contains corrosion inhibitor
- Can be pigmented to suit job site requirements
- High flexural and compressive strength
- No primer needed
- Fast drying, walkable in 8 hours
- Durable, freeze thaw resistance

Best Performance:

- Not intended to match the color of the concrete being repaired
- Not acceptable for use in heavy industrial applications such as steel wheeled traffic, loading docks or heavy manufacturing and heavy truck areas
- Do not install below 40°F (4°C)
- Do no over water or mix with additives
- Do not use in permanently submerged areas, such as within swimming pools
- Always install a test area prior to use

4. TECHNICAL DATA

Applicable standards: Test results obtained under controlled laboratory conditions. Reasonable variations can occur due to atmospheric and job site conditions.

5. INSTALLATION

Surface Preparation: Surface must be clean, dry and free of loose or damaged concrete, dust, dirt and other contaminants such as oil, wax, grease, sealers, curing compounds, asphalt and paint that will act as a bond breaker. Weak concrete surfaces must be cleaned down to solid sound concrete by mechanical means such as scarifying or high pressure washing. Acid etching or chemical cleaning is not acceptable. The area should be saturated surface dry (SSD) with no standing water, prior to application.

Crack Repair: Expansion joints should be reflected through the Pecora Concrete Resurfacer. Larger cracks must be repaired with a cement based patching compound such as Pecora Tempo 3000 Plus prior to applying Pecora Concrete Resurfacer. Repaired areas must be set firmly prior to applying Concrete Resurfacer. Any non-moving cracks should be "V" saw cut to a solid core and be filled with an acrylic caulk. Crack repairs should be allowed to cure and set completely (approx. 60 mins. @ 70°F (21°C)) prior to covering. When Pecora Concrete Resurfacer is used as a

TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Working Time @70°F (21°C)	20 to 30 min.	
Set Time @70°F (21°C)		ASTM C191
Initial Set Time	60-90 min.	
Final Set Time	90 to 120 min.	
Compressive Strength		ASTM C109 (Air Cured)
3 hours	1,500 psi (10.3 MPa)	
1 day	2,400 psi (16.5 MPa)	
7 days	3,600 psi (24.7 MPa)	
28 Days	5,000 psi (34.5 MPa)	
Length Change		ASTM C157
Dry		
1 day	0.004%	
7 days	0.000%	
28 days	-0.014%	
Wet		
1 day	0.007%	
7 days	0.010%	
28 days	0.031%	

veneer over cracked concrete, it is possible that existing cracks, particularly those that move even when repaired, may mirror through the thin layer of Concrete Resurfacer.

Mixing: For each 50 lb. (22.7kg) bag of Pecora Concrete Resurfacer add 4 qts. (3.8L) to 5.5 qts. (5.2L) of clean, potable water into a clean mixing container. Then add the Concrete Resurfacer while mixing at full speed with a paddle mixer attached to a heavy-duty 1/2" drill. Mix completely for a minimum of 2-3 minutes until lump free, adding no additional water. Do not re-temper.

Application: Do not install below 40°F (4°C). Expansion joints should be marked to prevent being filled with Pecora Concrete Resurfacer. Pour the mixed Concrete Resurfacer onto the substrate. Spread with a squeegee, or flat trowel using enough pressure to assure good contact with the entire surface then broom finish. Work in areas small enough for easy access for broom finishing without having to walk on the fresh Concrete Resurfacer. A broom finish needs to be applied within 10-15 minutes of application while the product is still fresh. Pour subsequent applications while the previous application is still wet. On vertical installations such as stairs, trowel Concrete Resurfacer directly onto the properly prepared distressed area and finish as desired, less water may be required. Pecora Concrete Resurfacer can be applied at a thickness of up to 1/2" and accept foot traffic after 2 hours, and rubber wheel traffic after 8 hours at 70°F (21°C).

Curing: Curing application ambient and substrate temperature should be a minimum of 40°F (4°C). Pecora Concrete Resurfacer is self-curing, however, do not allow the product to freeze or be exposed to rain if such should occur within 24 hours of placement. Concrete Resurfacer is a cement based product therefore temperature, wind and substrate conditions will affect performance. To avoid dusting and

staining, Concrete Resurfacer should be sealed using a water based, breathable concrete sealer.

Cleaning: Use water to clean all tools immediately after use.

Storage Life: 12 months from date of manufacture when stored in original unopened containers. Always keep in a cool, dry place unexposed to sunlight.

Precautions: Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. The wearing of gloves and safety goggles is recommended. In case of eye contact, flush thoroughly with water and call physician. DO NOT RUB EYES. In case of skin contact, wash exposed skin area with soap and water and consult a physician if irritation persists. Do not take internally. If ingested, immediately consult a physician. Crystalline silica sand may cause serious lung problems. Avoid breathing dust and wear an appropriate NIOSH-approved respirator. If dust is inhaled, remove to fresh air. Consult Material Safety Data Sheet (MSDS) for more information.

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

6. 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.

7. LIMITED 1 YEAR WARRANTY

Pecora® warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Pecora will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Pecora for its use, and Pecora shall not be liable otherwise. Replacement of any

defective product, or, at Pecora's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Pecora shall in no event be liable for any damages in excess of the purchase price of the defective product. PECORA SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Pecora in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Pecora. Pecora has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

8. TECHNICAL SERVICES

Local Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions, or to conduct job-site inspections. For further information and assistance, please call our Technical Service department at 215-723-6051 or 800-523-6688.

9. KEY INDUSTRY LINKS

- American Concrete Institute www.concrete.org
- International Concrete Repair Institute www.icri.org
- Sealant Waterproofing and Restoration Institute www.swrionline.org
- United States Green Building Council www.usgbc.org

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