

Pecora P-53-VOC

Specification Data Sheet

Two-Part Epoxy Primer



1. BASIC USES

- To help prevent deterioration of porous masonry surfaces
- To enhance the adhesion of Pecora Synthacalk® GC-2+ sealant to most porous and non-porous surfaces.

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

P-53-VOC is a two-component epoxy primer, with a low viscosity formulation that penetrates and seals concrete pores.

Limitations:

- P-53-VOC should not be thinned with solvents unless advised to do so by Pecora.
- For industrial / commercial use. Installation by trained personnel only

PACKAGING

- 30 ounce (0.8872L), 2 part kit (15 oz. Part A Resin and 15 oz. Part B Activator)

4. TECHNICAL DATA

(See Chart to the right)

5. INSTALLATION

Surface Preparation - Concrete: New concrete should be cured a minimum of 28 days. For existing concrete, remove any laitance or weak surface layers. Apply only to clean, dry and sound concrete substrates that are free of all coatings, sealers, curing compounds, oils, greases or other contaminants.

Surface Preparation - Steel: For immersion service, "White Metal" abrasive blast with an anchor profile of 2-4 mils in accordance with Steel Structures Painting Council Specification SP-5-63 or NACE No. 1 is required. For splash and spillage exposure, "Near White" SP-10-63 or NACE No. 2 is required.

Mixing Instructions: Parts A (Resin) and B (Activator) must be mixed at a 1:1 ratio.

- Part A Resin should be premixed prior to use due to possible additive separation.
- Pour Part B Activator into the Part A Resin pail and mix by hand for a minimum of two minutes. Scrape the side of the pail to ensure the entire product has been properly mixed; any unmixed material left on the side of the pail will not cure.

Application: Pecora P-53-VOC should be applied at the rate of 700-800 linear ft./unit (concrete); 1100-1300 linear ft./unit (steel). It can be applied using a brush or phenolic core roller. Confirm product performance in specific chemical environment prior to use. Allow primer to cure within recommended recoat time before proceeding with the application of Pecora Synthacalk® GC 2+. Refer to the Typical Physical Properties Table below for minimum dry/recoat times.

Clean-Up: Equipment should be cleaned immediately after use with a solvent such as mineral spirits or xylene, as permitted under local regulations. Always wear gloves when using this product.

Storage Life: Pecora P-53-VOC has a shelf life of 12 months from the date of manufacture when stored in a dry area between 65-80°F in original, unopened containers.

Precautions: Flammable. Keep away from heat, sparks, and flame. Use only in well-ventilated areas.

MAY FORM FLAMMABLE OR EXPLOSIVE VAPOR – AIR MIXTURE DURING USE. MAY CAUSE EYE, SKIN, OR RESPIRATORY TRACT IRRITATION, OR ALLERGIC REACTION. Do not breathe fumes, dust, vapors, or mist. Keep container closed when not in use. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. Inhalation causes headache, drowsiness, or other effects to the central nervous system. Kidney or liver damage can occur. Use only with adequate ventilation or wear an appropriate NIOSH-approved respirator. Do not get into eyes, on skin, or on clothing. Wear suitable chemical resistant gloves. Wash thoroughly after handling. DANGER: HARMFUL OR FATAL IF SWALLOWED. REPEATED CONTACT MAY, WITHOUT SYMPTOMS, INCREASE SUSCEPTABILITY OF THESE EFFECTS.

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

TYPICAL PHYSICAL PROPERTIES

Physical Property

Coverage Rate (concrete) Coverage Rate (steel)
Minimum dry/recoat time (concrete @ 77°F)
Minimum dry/recoat time (steel @ 77°F)
Specific Gravity Part A
Part B
Solids Contents (Mixed)
VOC Content (g/L)

Typical Value

700-800 lin. ft./unit
1100-1300 lin. ft./unit
min. 2 hrs./max. 36 hrs.
min. 4 hrs./max. 36 hrs.
0.9894
1.23
65%
50

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. 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.

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 assistance call our Technical Service Department at 800-523-6688 or 215-723-6051

9. FILING SYSTEMS

- <http://4specs.com>
- 07 10 00 Waterproofing
- 07 92 00 Sealants



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