

# Pecora-Deck 802 FC

## Specification Data Sheet

Fast Cure, Low VOC Deck Coating Base Coat



### I. BASIC USES

- 802 FC Base Coat is part of a multi-coat system designed to protect wearing surfaces, concrete or plywood, from vehicular and pedestrian traffic abrasion.
- For use in those areas where a low VOC, low odor containing coating is required by local air quality regulations.
- Can be used for both interior and exterior applications.

### 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

Pecora-Deck 802 FC Base Coat is a fast cure, 100% solids, low-VOC, very low odor, elastomeric, two-part cold applied liquid deck coating that cures to form a flexible, resilient, seamless waterproofing membrane with the following benefits:

- Fast-setting two-component reactive curing mechanism
- VOC compliant
- Non-flammable
- Low odor, Solvent free
- Resilient to expansion and contraction of substrates
- Provides 100% contact, eliminating migratory water problems.

#### Best Performance:

- Proper surface preparation procedures must be followed prior to the application of the Pecora-Deck 802 FC.
- All surfaces must be primed prior to application of coatings.
- A polyethylene sheet should be used as a blanketing material over the surface of the product prior to re-sealing the lid onto a partially used container.

#### Limitations:

- Applications in areas of continuous temperatures of above 160°F (71°C) or below 40°F (4°C).
- In applications over damp or wet substrates
- In applications that require continuous water submersion.
- New concrete must cure 21-28 days prior to application
- Over any type of lightweight concrete without written approval from the manufacturer
- On steel pan decks unless vented with ¼" (6mm) holes on 4" (100mm) centers
- On asphalt surfaces or asphalt overlays
- Consult Technical Services for applications on grade, over sandwich slabs with insulation or between slab membranes

#### Packaging/Color:

- **802 FC Base Coat: Part A: 5.4 gallons (20.4L); Part B: .1 gallon (.38L)**

### 4. TECHNICAL DATA

Pecora-Deck 802 FC complies with Federal EPA VOC regulations, the Northeast OTC (Ozone Transport Commission) VOC regulations and California Regional Air Quality Regulations and shall meet the performance requirements of ASTM C957, Standard Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface.

### 5. INSTALLATION

**Application:** Application instructions for each type of use are available from Technical Services.

The following products are part of the Pecora-Deck 800 FC System:

- Pecora-Deck 802 FC Base Coat
- Pecora-Deck 804 FC Intermediate/Non-UV Top Coat
- Pecora-Deck 806 FC UV Top Coat
- P-801-VOC Primer
- Pecora-Deck Self Priming Additive

### TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
VOC (g/L)	<1	ASTM D1353
Solid Content (% by weight)	100	ASTM D1353
Weight per Gallon (lbs)	9.07	ASTM D1475
Viscosity @ 77°F (poise)	85	Pecora Corp.
Overcoat Time (hrs)	4-5	Pecora Corp.
Final Cure Time @ 75°F/50%rh (hrs)	24-48	Pecora Corp.
Tensile Strength (psi)	1400	ASTM D412
Ultimate Elongation (%)	1500	ASTM D412
Hardness (Shore A)	60	ASTM D2240
Adhesive Bond Strength on Primed Concrete (pli)	30	ASTM D903
Service Temperature Range (°F)	-20 - 180	Pecora Corp.
Work Life - inactivated	160 minutes	Pecora Corp.
Work Life - activated	35 minutes	Pecora Corp.

## IMPORTANT:

ALL SURFACES MUST BE PRIMED PRIOR TO APPLICATION OF COATINGS UNLESS ADDING PECORA-DECK SELF PRIMING ADDITIVE TO PECORA-DECK 802 BASE COAT.

### Surface Preparation:

New concrete should be sound, structural grade and cured for 21-28 days. Curing should be by the water-curing method. If curing compounds are required, such compounds must be approved by Pecora. The surface should be sloped to drains. Surfaces should have a steel trowel finish followed by a fine hair broom finish, and be smooth, and free of splatters, ridges and fins. Decks poured over precast "T's" shall have control joints placed directly over all corresponding joints. Precast parking bumpers should be properly installed. Old concrete decks should be sound. Grind down high spots, fill low areas, voids, honeycombs, rock pockets, excessively rough and spalled areas with applicable patch/underlay material to make the deck level and smooth. All surfaces Mechanical Prep all concrete surfaces to achieve ICRI CSP 2-4 surface profile.

**Plywood:** Deck should be exterior grade, minimum 3/4" (19 mm) thick, tongue and groove, A/C or better with "A" side up.

**Mixing instructions:** Add entire contents of Part B into Part A. Mix components with a slow-medium speed drill and Jiffy Mixer for a minimum of 3 minutes; scrape down sides and bottom of mixing vessel then mix again for 2 minutes. Keep mixing paddle submerged

to avoid whipping air into the mixture.

**Cleaning:** Remove wet coatings from tools/equipment using mineral spirits. Remove dried material by scraping, sandpapering, etc. (Caution: Mineral spirits is flammable and toxic. Observe manufacturer's precautions.)

**Storage Life:** 12 months from date of manufacture when stored in original unopened containers at temperatures below 80° (27°C).

### Precautions:

Use with adequate ventilation or wear appropriate NIOSH-approved respirator. Contact with skin or eyes may cause irritation or allergic reaction. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Refer to Safety Data Sheet (SDS) for more information. In case of eye contact, immediately rinse with clean water for at least 15 minutes with eyelids held open. Get medical attention. Wash skin thoroughly with soap and water. If irritation develops and persists, get medical attention. In the case of ingestion, do not induce vomiting. If conscious, give 2 glasses of water: Get medical attention.

**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](http://www.pecora.com).

## 7. 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.

## 8. 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 the 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.

## 9. FILING SYSTEMS

<http://www.4specs.com>

03 99 20 Concrete Patching and Resurfacing  
07 18 00 Traffic Coatings  
07 92 00 Joint Sealants  
08 85 00 Glazing Accessories

### COVERAGE RATES

Component	Standard Pedestrian				Heavy Duty Pedestrian & Standard Vehicular				Heavy Duty Vehicular			
	Sq ft/gal	WFT	DFT	Aggregate 16-30 mesh	Sq ft/gal	WFT	DFT	Aggregate 12-20 mesh	Sq ft/gal	WFT	DFT	Aggregate 12-20 mesh
802 FC Base Coat	70	23	23	---	70	23	23	---	70	23	23	---



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