

Pecora-Deck 800 FC

Specification Data Sheet

Fast Cure, Low VOC Pedestrian and Vehicular Deck Coating System



I. BASIC USES

- Applied in multiple coats, these systems are designed to protect wearing surfaces, concrete or plywood, from vehicular and pedestrian traffic abrasion, and in the case of concrete, protection from freeze-thaw damage and chloride induced corrosion with its destructive force on reinforcing steel. Where decks are elevated, these coatings provide excellent waterproofing for the occupied space below.
- 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
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Phone: 215-723-6051
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3. PRODUCT DESCRIPTION

Pecora-Deck 800 FC is a fast cure, high-solids, low-VOC, very low odor, elastomeric, two-part cold applied liquid deck coating system, available in a variety of colors incorporating nonskid aggregates to enhance performance and durability with the following benefits:

- Ability to produce virtually any color in the field through the use of Pecora's universal color pack system and color matching services.
- Fast-setting
- VOC compliant
- Low odor, solvent free
- Non-flammable
- Excellent, UV resistance
- High adhesion, stress-relieving, crack bridging membrane
- Resilient to expansion and contraction of substrates
- Provides 100% contact, eliminating migratory water problems.
- Designed for demanding exterior and interior applications.
- 804 FC Intermediate/Non-UV Top Coat can be used in interior applications as a non-UV resistant top coat.

Best Performance:

- Proper surface preparation procedures must be followed prior to the application of the Pecora-Deck 800 FC

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)

- 804 FC Intermediate/Non-UV Top Coat : Part A: 4.2 gallons (15.9L); Part B: 1.3 gallons (4.9L)
- 806 FC UV Top Coat: Part A: 4.7 gallons (17.8L); Part B: .8 gallon (3L)
- P-801-VOC primer: 5 gallon (18.9L) pails
- Pecora-Deck Self Priming Additive 7.54 oz (223ML) container

Standard Colors:

Factory Pre-Mixed Colors:

- Stone Grey, Desert Tan, Neutral Base
- Field Tintable Colors: Available in 40 standard colors; (see Pecora-Deck color chart for details)

Non Standard Colors:

Factory Pre-Mixed Colors:

- Beige-Grey, Arizona Tan, Colonial Grey
- (certain restrictions apply)

Custom Colors:

- Unlimited range of custom colors (certain restrictions apply)

TYPICAL PHYSICAL PROPERTIES

Test Property	Test Value			Test Procedure
	802 FC Base Coat	804 FC Intermediate/Non-UV Top Coat	806 FC UV Top Coat	
VOC (g/L)	<1	<1	<50	ASTM D1353
Solids Content (% by weight)	100	100	95	ASTM D1353
Weight per Gallon (lbs)	9.07	11.36	9.33	ASTM D1475
Viscosity @ 77°F (poise)	85	20	60	Pecora Corp.
Overcoat Time (hrs)	4-5	2-4	4-6	Pecora Corp.
Final Cure Time @ 75°F/50%rh (hrs)	24-48	24-48	24-48	Pecora Corp.
Tensile Strength (psi)	1400	2900	2600	ASTM D412
Ultimate Elongation (%)	1500	120	160	ASTM D412
Hardness (Shore A)	60	99	95	ASTM D2240
Adhesive Bond Strength on Primed Concrete (pli)	30	---	---	ASTM D903
Abrasion Resistance (Inch Loss)	---	---	11 mg loss	C-502 Tabor Abrasion, 1000 Rev, 1000 Gm. Weight, CS-17 Wheel
Service Temperature Range (F°)	-20 - 180	-20 - 180	-20 - 180	Pecora Corp.
Work Life	35-160 min ¹	35 min	35 min	Pecora Corp.

¹Base coat work life during unactivated and activated state.

4. TECHNICAL DATA

Pecora-Deck 800 FC complies with Federal EPA VOC regulations, the Northeast OTC (Ozone Transport Commission) VOC regulations and California regional air quality regulations and meets the performance requirements of ASTM C957, *Standard Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface*.

5. INSTALLATION

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

See Product Application Guide for specialty primer

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

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. Vehicular traffic decks must be properly cleaned using sandblast, waterblast, blastrac, etc. prior to the application of deck coating materials.

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

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.

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. 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

SEALANT, WATERPROOFING & RESTORATION INSTITUTE

Issued to: Pecora Corporation
Product: Pecora - Deck™ 800FC

ASTM D 412: Tensile Strength of Top Coat
802FC Topcoat
Tensile Strength: 2,200 psi; Pass ✓
Elongation: 170%

ASTM D 4541: Adhesion of Base Coat
802FC Basecoat with P-808 primer
Pull-off Adhesion: 318 psi; Pass ✓

ASTM D 4060: Abrasion Resistance of Top Coat
806FC Topcoat
Abrasion Resistance: 8 mgms loss
— mgms loss/1,000 cycles; Pass ✓

Validation Date: 2/25/16 – 2/24/21
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www.swronline.org

COVERAGE RATES

Component	Standard Pedestrian				Heavy Duty Pedestrian & Standard Vehicular				Non-UV Vehicular System				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	Sq ft/gal	WFT	DFT	Aggregate 12-20 mesh
P-801VOC	250-350	---	---	---	250-350	---	---	---	250-300	---	---	---	250-350	---	---	---
802 FC Base Coat	70	23	23	---	70	23	23	---	70	23	23	---	70	23	23	---
804 FC Intermediate Coat/ Non-UV Top Coat	---	---	---	---	115	14	14	50lbs/100 sq ft	115	14	14	50lbs/100 sq ft	100	16	16	50lbs/100 sq ft
804 FC Intermediate Coat/ Non-UV Top Coat	---	---	---	---	---	---	---	---	90	11	11	---	---	---	---	---
806 FC Top Coat	120	13	13	10-15 lbs/100 sq ft	120	13	13	---	---	---	---	---	100	16	16	---



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