

# Pecora-Deck™ 800 800-VOC

800 and 800-VOC Pedestrian and Vehicular Deck Coating System

## Specification Data Sheet



### I. BASIC USES

- Applied in multi-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 proved excellent waterproofing for the occupied space below.

### 2. MANUFACTURER

Pecora Corporation  
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### 3. PRODUCT DESCRIPTION

Pecora-Deck™ 800 and 800-VOC series are elastomeric, one-part cold applied liquid deck coating systems, available in a variety of colors and incorporating nonskid aggregates to enhance performance and durability.

#### Advantages:

- Easy application and no mixing in of curing agent
- Resilient to expansion and contraction of substrate
- High adhesion, stress-relieving, crack bridging membrane
- Provides 100% contact eliminating migratory water problems
- Designed for demanding exterior applications
- Eliminates migratory water problems due to 100% contact with the substrate

#### Best Performance:

- Opened containers must be used within one or two days. The product is a moisture-reactive material that will set up when exposed to moisture in the air.
- A polyethylene sheet should be used as a blanketing material prior to re-sealing the lid on a partially used container.
- Proper surface preparation procedures must be followed prior to the application of Pecora-Deck™ 800 and 800-VOC series.
- Pecora-Deck™ 800 and 800-VOC series cures faster when applied during warm weather and high humidity conditions and slower during cool temperatures and low humidity conditions.

#### Limitations:

- Do not apply to Pecora-Deck™ 800 and 800-VOC:
- In enclosed occupied areas or where fumes may be drawn into ventilation systems.
- In areas of continuous temperatures above 180°F (82°C).
- 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.
- Over sandwich slabs with insulation or between slab membranes.
- On asphalt surfaces or asphalt overlays.
- In applications that require continuous water submersion

TABLE 1: TYPICAL PHYSICAL PROPERTIES

Coverage Rates	Square Feet Per Gallon		
	Pedestrian	Heavy Duty Pedestrian	Vehicular
P-808 Primer	250-350	250-350	250-350
802/802-VOC Base Coat	50	50	50
802-SP/802-SP-VOC Base Coat	50	50	50
804/804-VOC Intermediate Coat	100	100	100
806/806-VOC Top Coat	100	100	100

TABLE 2: TYPICAL PHYSICAL PROPERTIES

Test Property	Test Value			Test Procedure
	802 and 802-VOC Base Coat	804 and 804-VOC Inter. Coat	806 and 806-VOC Top Coat	
Solids Content (% by Weight)	85	80	75±5	ASTM C1353
Hardness, Shore A	65±5	80±5	90±5	ASTM D2240
Tensile Strength(psi)	900	2100	3200±500	ASTM D412
Ultimate Elongation (%)	625	400	250	ASTM D412
Tear Resistance, Die C (lb/in)	150	200±50	350	ASTM D1004
Pull Off Adhesion (Primed Concrete) (psi)	400	NA	NA	ASTM D4541
Low Temp Flexibility (°F)	-65	-65	-65	ASTM D522
Abrasion Resistance	NA	NA	<70	ASTM D501
Water Permeability (gr/hr/ft²)	0.0015	0.0039	0.00028	ASTM D1653
VOC				ASTM D3960
Pecora Deck 800 Series	<192	<225	<340	
Pecora Deck 800-VOC Series	<192	<225	<250	
Coverage Rates (sq. ft.)	60	100	100	

## PACKAGING

- 802 and 802-VOC Base Coat 5 gallon (18.9L) pails
- 802-SP and 802-SP-VOC Self Priming Base Coat 5 gallon (18.9L) pails
- 804 and 804-VOC Intermediate Coat 5 gallon (18.9L) pails
- 806 and 806-VOC Top Coat 5 gallon (18.9L) pails
- P-808 Two-Part Primer 10 gallon (37.85 liter)

## COLOR

800 Series: Beige Grey, Desert Tan, Stone Grey  
 800-VOC Series: Beige Grey, Desert Tan, Clay, Slate Gray, Stone Grey and Charcoal Gray

## 4. TECHNICAL DATA

**Applicable Standards:** Pecora-Deck™ 800 and 800-VOC series comply with ASTM C-957.

## 5. INSTALLATION

**Application:** Application instructions for each type of use is available from Tech Services.

**IMPORTANT:** ALL SURFACES MUST BE PRIMED PRIOR TO APPLICATION OF COATINGS UNLESS USING PECORA 802-SP or 802-SP-VOC SELF-PRIMING BASE COATS.

### Surface Preparation:

**Concrete:** New concrete should be sound, structural grade and cured for 28 days. Curing should be by 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, level and free of splatters, ridges and fins. Decks poured over precast "T's" shall have control joints placed directly over all corresponding joints in the 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 an appropriate NIOSH-approved respirator. Contact with uncured coating or with vapors generated during curing may cause respiratory tract irritation. 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 Material Safety Data Sheet (MSDS) 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. If inhaled, remove to fresh air. If difficulty in breathing exists, seek medical attention immediately. In 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. LIMITED 1 YEAR 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

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.

