

Pecora-Deck™ 800-P 800-V

800-P Pedestrian Deck Coating System 800-V 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 provide excellent waterproofing for the occupied space below.

- 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 1/4" (6 mm) holes on 4" (100 mm) centers.
- Over sandwich slabs with insulation or between slab membranes.
- On asphalt surfaces or asphalt overlays.
- In applications that require continuous water submersion.

PACKAGING

- 802 Base Coat
- 802-SP Self Priming Basecoat
- 804 Intermediate Coat
- 806 Top Coat
 - 5-gallon (18.9 liter) pails
 - 55-gallon (208.2 liter) drums*
- P-808 Two-Part Primer
 - 10-gallon (37.85 liter)
 - 2-gallon (7.57 liter) units*
*Special Order

COLOR

- Stone Grey, Desert Tan, Beige Grey, Clear

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™ 800-P (pedestrian) and 800-V (vehicular) 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.

Specific Uses: Pecora offers four specific systems, all utilizing the same products while differing in methods of application:

1. Pedestrian Traffic - Light to Heavy Duty
2. Vehicular Traffic - Light to Heavy Duty
3. Pool Decks and Tennis Courts
4. Plywood Decks

Limitations: Do not apply Pecora-Deck™:

- In enclosed occupied areas or where fumes may be drawn into ventilation systems.

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 Base Coat	50	50	50
802-SP Base Coat (self-priming)	50	50	50
804 Intermediate Coat	—	100	100
806 Top Coat	100	100	100

TABLE 2: TYPICAL PHYSICAL PROPERTIES

Test Property	Value			Test Procedure
	802 Base Coat	804 Inter. Coat	806 Top Coat	
VOC (g/L)	188	188	188	ASTM D3960
Abrasion Resistance (mg. loss)*			<70	ASTM D4060
Adhesion (primed Concrete) (pli)	30	40	40	ASTM C794
Pull-off Adhesion (psi)	400±5			ASTM D4541
Fire Resistance of System Class A on Concrete				E108, UL790
Hardness, Shore A	70±5	80±5	85±5	ASTM D2240
Low Temperature Flexibility (° F)	-65	-65	-65	ASTM D522
Solids Content (%)	85	88	72	ASTM D1353
Tear Resistance, Die C (lb/in.)	150	150	350	ASTM D624
Tensile Strength (psi)	900	2100	2700	ASTM D412
Ultimate Elongation (%)	625	400	250	ASTM D412
Water Permeability (units = gr/hr/ft²)	.0015	.0039	.00028	ASTM D1653

* 1000 cycles, 1Kg, GS17 Wheel

4. TECHNICAL DATA

Pecora-Deck™ Systems exceed the standards outlined in ASTM C957-87. Specification for high-solids content, cold liquid applied elastomeric waterproofing membrane with integral wearing surface. Consult Typical Physical Properties Chart.

5. INSTALLATION

Application: Application instructions for each system named in Section 3, Specific Uses, are available from Tech Services.

IMPORTANT: ALL SURFACES MUST BE PRIMED PRIOR TO APPLICATION OF COATINGS UNLESS USING PECORA 802SP SELF-PRIMING BASECOAT.

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.

Metal scuppers, deep edges, etc. should be galvanized metal, embedded in Dynatred® sealant and tightly nailed with ring shank nails, 4" on center. Deck should be sloped to scuppers or edge.

Shelf Life: Twelve (12) months in original unopened containers when stored below 80° F (27° C).

Precautions: Use with adequate ventilation or wear an appropriate NIOSH-approved respirator. Contact with uncured sealant or with vapors generated during curing may cause respiratory tract irritation. Contact with skin or eyes may cause irritation or allergic reaction. If splashed into eyes, flush at once with water for 15 minutes and consult a physician. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Refer to 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 our plants and warehouses, or from stocking distributors in all major cities. For the name and telephone number of your nearest representative call one of our locations listed below or visit our website at www.pecora.com.

7. WARRANTY

Pecora Corporation warrants its products to be manufactured 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 installed in accordance with our published recommendations and in applications considered by us as suitable for this product. This warranty is in lieu of any and all other warranties, expressed or implied,

and in no case will Pecora be liable for liquidated, incidental or consequential damages.

8. MAINTENANCE

If damage or excessive wear occurs, simple repairs using the same products can be accomplished.

9. 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.

10. FILING SYSTEMS

- Sweet's Catalog File: www.sweets.com
- General Building
 - 07100 Waterproofing
 - 07920 Sealants
- Civil Engineering
 - 07100 Waterproofing



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