



# Application Instructions<sup>TM</sup> for Pecora-Deck Waterproofing System Under Tile /Carpet

## 1. GENERAL

New concrete should be of 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 the coatings material manufacturer. Surfaces should have a steel trowel finish and be smooth, level and free splatters, ridges and fins. The surface should be sloped to the drains.

Old concrete must be of sound structural grade. Grind off high spots. Fill low areas, voids, honeycombs, rock pockets, excessive rough and spalled areas with applicable patch/underlay material to make deck level smooth.

All concrete decks, whether balconies, terraces, or above grade walkways must be properly cleaned using sandblast, waterblast, blastac, etc., prior to application of deck coating material. All metal should be wire brushed or sandblasted to bright metal finish.

## 2. PREPARATION & DETAILING

Static cracks greater than 1/16" in width and moving cracks less than 1/16" in width should be saw cut to 1/4" wide by 1/2" deep. Thoroughly clean all saw cut cracks and expansion and control joints. Install closed cell backer rod and apply Pecora Dynatred<sup>TM</sup> sealant. Allow to cure overnight.

Apply Dynatred at the juncture of all horizontal and vertical surfaces, including projections through the deck, curbs, walls, etc. Tool sealant to form a one-inch, 45 degree cant. Allow sealant to cure overnight. Mix P-808 primer and allow the compound to stand for 30 minutes. Apply a 8" wide detail of primer centered over sealed cracks, control or expansion joints (up to 1/2" wide), hairline cracks and cold joints. Allow the primer to become dry to the touch.

Apply a detail coat of 802 over all sealant cants and primed areas. Detail coats shall be 4" - 6" wide, 30 wet mils thick. Allow to cure overnight.

**3. PRIMING IMPORTANT:** It is essential that primers stand for 30 minutes before being applied to substrate.

Prime concrete with P-808 two-part epoxy primer at a rate of 250-300 square feet per gallon. Allow the primer to dry for a minimum of one hour, but no more than eight, before applying Base Coat. Prime metal with a thin coat of P-120 primer. Spray or roller apply as recommended.

## 4. APPLICATION OF BASE COAT

Wipe detail coats with a clean cloth that has been wet with Xylene solvent. Pour a 6" ribbon of 802 Base Coat along the outside wall, and using a roller or squeegee, apply the coating 3" - 6" on vertical walls, piers and projections.

Apply 802 at 50 square feet per gallon, or as needed to obtain 30 wet mils. Wearing spike golf shoes and starting with on outside/exterior wall, use a longhandled notched squeegee to push the puddled 802 along the wall, angling the squeegee slightly inward, while evenly spreading 802 over the deck. Pour a 4" - 6" ribbon of 802 beside the previously spread coating. Standing in the fresh coating and angling the squeegee towards the deck, proceed to push forward and spread the ribbon of material while walking along in the wet coating. Repeat this procedure back and forth across the deck until the Base Coat operation is completed. Allow this coating to cure overnight. **Note:** Spike marks from golf shoes and ridges from squeegees will fill in as 802 levels. Backrolling also redistributes and fills spike marks and ridges.

## 5. APPLICATION OF FINAL COAT

The surface of the Base Coat should have a slight tack to aid in the adhesion of all subsequent coats. If the coating has lost its surface tack, the surface must be cleaned with a cloth wetted with Xylene. Do not saturate the surface with solvent. If the coating has been exposed for a prolonged period, consult Pecora Technical Service department for recommendations. Apply 804 Top Coat at a rate of 70 square feet per gallon or as needed to obtain 30 wet mils.

### Under Carpet

Uniformly broadcast 20/16 mesh crushed angular sand over the surface at 25 lbs per 100 square feet. Allow to cure for 48 hours before laying carpet.

### Under Tile

Uniformly broadcast 20/16 mesh crushed angular sand over the surface to refusal. Allow to cure for 48 hours before installing tile.

**Termination:** Upon termination of the deck coating, saw cut a 1/4" wide by 1/2" deep key joint, and allow the coating to fill the joint.

## 6. CARPET ADHESIVE

Pecora Corporation does not endorse or recommend any particular adhesive. However, experience has shown that solvent based acrylic adhesives appear to provide excellent adhesion to the Pecora-Deck coating.

## 7. THINSET MORTAR

Pecora does not advocate any particular thinset mortar. Excellent adhesion has been demonstrated between thinset mortar and the embedded sand in the top coating of the Pecora Deck System.

It is prudent to perform a test prior to application to ensure adhesion and compatibility in either application.



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PEC 159 165 Wambold Road, Harleysville, PA 19438  
Phone: 800-523-6688 • 215-723-6051 • FAX: 215-721-0286



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