

## PECORA-DECK HB1000 VEHICULAR & PEDESTRIAN SYSTEM Deck Re-Coat (over existing deck coating)

**Application Instructions:**

**A. Surface Preparation.**

- i. Existing coating inspected and approved for recoat by qualified representative.
- ii. Cut and remove any blistered or delaminated existing coating.
- iii. Rout any cracks in existing coating to 1/4" x 1/4" and caulk with Pecora Deck-Seal and tool flush.
- iv. Power wash surface of existing deck coating and allow to thoroughly dry prior to applying new coating.

**B. Optional Primer & Base Coat Waterproofing (Exposed Concrete):**

- i. Prime exposed concrete repair areas with P-801-VOC (<100g/L) or P-808 (<450g/L) primer at 250 to 350 square feet per gallon. Allow primer to dry 1 – 8 hours.
- ii. Apply a detail application of Pecora-Deck 802 at 50 square feet per gallon OR 802FC at 70 square feet per gallon using a 1/4" notched squeegee at repair areas. (Must apply base coat the same day as priming, otherwise re-prime).
- iii. Allow 802 to cure 16-24 hours and 802FC 4-6 hours. Base coat should be cured to a firm but tacky rubber at time of subsequent coating application.

**C. Primer Application to Existing Coating**

- i. Prime existing coating with P-801-VOC (<100g/L) primer at 300-350 square feet per gallon. Allow primer to dry 1-2 hours. (Must apply top coat the same day as priming, otherwise re-prime.)

**Two Component Coating Mixing Procedure**

- i. 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.

**D. Top (Wear) Coat Application as follows:**

- i. **Pedestrian System:** Mix and apply Pecora-Deck HB1000 at 130 square feet per gallon (13 wet mils) using a 1/8" notched squeegee.
- ii. **Vehicular System:** Mix and apply Pecora-Deck HB1000 at 65 square feet per gallon (25 wet mils) using a 1/4" notched squeegee.

**E. Immediately broadcast aggregate into HB1000 as follows:**

- i. **Pedestrian System:** Manually broadcast 16/35 mesh aggregate at 10-15 pounds per square feet while Pecora-Deck HB1000 is still fluid.
- ii. **Vehicular System:** Manually broadcast 12/20 mesh aggregate at 10-15 pounds per 100 square feet while the Pecora-Deck HB1000 is still fluid.

**F.** Immediately back roll using a 1/4" nap roller to completely encapsulate the aggregate.

**G.** Cure Pecora-Deck HB1000 for 24-48 hours prior to opening completed system to traffic.

HB1000 RECOAT System Pedestrian & Vehicular	Components & Mil (Inch) Thickness, wet/dry								Total Mil (Inch) Thickness		Aggregate/s, mesh (Inch)	
	Base Coat	Mil (Inch) Thickness		Intermediate Low-Mod Epoxy	Mil (Inch) Thickness		Top Coat	Mil (Inch) Thickness		WET		DRY
		Wet	Dry		Wet	Dry		Wet	Dry			
Pedestrian RECOAT	n/a	0	0	n/a	0	0	HB1000	13 (.013)	13 (.013)	<b>13 (.013)</b>	<b>13 (.013)</b>	16/35 (.047/.019)
	802FC	23 (.023)	23 (.023)	n/a	0	0	HB1000	13 (.013)	13 (.013)	<b>36 (.036)</b>	<b>36 (.036)</b>	16/35 (.047/.019)
	802	32 (.032)	26 (.026)	n/a	0	0	HB1000	13 (.013)	13 (.013)	<b>45 (.045)</b>	<b>39 (.039)</b>	16/35 (.047/.019)
Vehicular RECOAT	n/a	0	0	n/a	0	0	HB1000	25 (.025)	25 (.025)	<b>25 (.025)</b>	<b>25 (.025)</b>	12/20 (.066/.033)
	802FC	23 (.023)	23 (.023)	n/a	0	0	HB1000	25 (.025)	25 (.025)	<b>48 (.048)</b>	<b>48 (.048)</b>	12/20 (.066/.033)
	802	32 (.032)	26 (.026)	n/a	0	0	HB1000	25 (.025)	25 (.025)	<b>57 (.057)</b>	<b>51 (.051)</b>	12/20 (.066/.033)

**CAUTION:** Pecora Deck HB1000 forms a non-breathing membrane and therefore is generally not used on-grade or outside on concrete surfaces poured over vapor barriers (such as unvented metal decks or between slab membranes). Consult Pecora Technical Service for applications on-grade, over unvented metal decks or concrete with between slab membranes.

1 Check local VOC regulations for product compliance prior to installing deck coating primer.

2 Employees using crystalline silica must wear an approved respirator if the exposure is above the permissible exposure level. Consult manufacturer's guidelines for safety practices.

