

## PECORA DECK 8113HB MECHANICAL / EQUIPMENT ROOM SYSTEM

A **pre-installation site inspection** is recommended for all projects in accordance with Pecora Technical Bulletin #192. All observation details, required repairs, moisture mitigation, and photos should be recorded and documented per **Technical Bulletin #192 Deck Coating Inspection Checklist** and submitted to Pecora Technical Service Department.

### Application Instructions:

- A. Surface preparation.
- B. **Optional Primer & Base Coat Waterproofing:**
  - i. Prime concrete with Pecora P-801-VOC (<100g/L) or P-808 (<450g/L)<sup>1</sup> primer at 250 to 350 square feet per gallon. Allow primer to dry 1 – 8 hours.
  - ii. Apply Pecora-Deck 802 at 50 square feet per gallon (32 wet mils) OR 802 FC at 70 square feet per gallon (23 wet mils) using a ¼” notched squeegee. (Must apply base coat the same day as priming, otherwise re-prime.)
  - iii. Allow 802 to cure 16-24hrs and 802FC 4-6hrs. Base coat should be cured to a firm but tacky rubber at time of subsequent coating application.

### 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.
- C. Mix and apply **Pecora-Deck HB1000** at 120 square feet per gallon (13 wet mils) using a 1/8” notched squeegee.
- D. Manually broadcast 16/35 mesh (0.047/0.019 inch) aggregate<sup>2</sup> at 10 - 15 pounds per 100 square feet while the Pecora –Deck HB1000 is still fluid.
- E. Immediately back roll using a 1/4” nap roller to achieve a uniform aggregate distribution in finished coat.
- F. Cure Pecora-Deck HB1000 for 24 – 48 hours prior to opening completed system to traffic.

HB1000 System	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			
	n/a	0	0	n/a	0	0	HB1000	13 (.013)	13 (.013)	<b>13 (.013)</b>	<b>13 (0.013)</b>	16/35 (.047/.019)
Pedestrian 8113HB	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)

**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.

<sup>1</sup> Check local VOC regulations for product compliance prior to installing deck coating primer. <sup>2</sup> 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.