

PECORA DECK HB1100-SA TEN (10) YEAR VEHICULAR SYSTEM Application Guidelines

SURFACE PREPARATION & PRIMING

1. **Surface preparation:** All surfaces must be level, clean, and dry. Remove all foreign materials such as coatings, loose dirt, and other contaminants by means of mechanical abrasion, high pressure air, sand blasting, solvent wipe, or vacuum to achieve a clean, dry, virgin surface. The use of a primer may be required for enhanced adhesion or for sealing of porous surfaces to avoid outgassing prior to application of Pecora HB1100-SA. All seams, joints, and cracks exceeding 1/16" in width must be pre-sealed utilizing Pecora Deck-Seal, DynaTred, or DynaTrol II-SL polyurethane joint sealant.
2. **Primer:** Prime concrete with Pecora P-801-VOC (<100g/L) or P-808 (<450g/L)¹ primer at 250 to 350 square feet per gallon. Allow primer to dry 1 – 8 hours. Field testing and site conditions will dictate priming requirements.

Note: The Healer Sealer epoxy primer is recommended on concrete slabs with possible vapor drive such as those that include unvented metal pans, between slab membranes, and other conditions that may result in vapor drive. Consult Pecora Technical Service for details.

TWO COAT SYSTEM APPLICATION

3. **Mix Pecora Deck HB1100-SA components without aggregate.** First coat will be applied neat (no aggregates).
 - **Add Activator:** Add Part B (activator) to the Part A (base).
 - **Mixing Times:**
 - i. **5.5-gallon kit:** Mix for 3 minutes using a jiffy mixing paddle or equivalent, scrape sides near top of pail thoroughly, then mix for an additional 2 minutes (total mix time: 5 minutes).
 - ii. **1.8-gallon kit:** Mix for 2 minutes using a jiffy mixing paddle or equivalent, scrape sides near top of pail thoroughly, then mix for an additional 1 minute (total mix time: 3 minutes).
 - **Induction Period:** Allow the mixture to stand for 3 minutes before application. Apply the entire contents immediately after the induction period as noted below.
4. **Apply first coat of Pecora Deck HB1100-SA in a single coat using a 3/8" notched squeegee at 36 sq ft/gal (45 wet mils).**
5. **Allow the Pecora Deck HB1100-SA to cure for 1 to 3 hours** prior to applying 2nd coat with integral aggregate. Low ambient and/or substrate temperatures will extend the overcoat times.
6. **Mix Pecora Deck HB1100-SA components including vehicular aggregate:**
 - **Pre-Mix Aggregate:** Add Part C (aggregate) to Part A (base). Mix for 2 minutes using a jiffy mixing paddle or equivalent, moving the paddle across the bottom and vertically to ensure complete incorporation.
 - **Add Activator:** Once the aggregate is dispersed, add Part B (activator) to the pre-blended Part A/Part C mixture.
 - **Mixing Times:**
 - i. **5.5-gallon kit:** Mix for 3 minutes, scrape sides near top of pail thoroughly, then mix for an additional 2 minutes (total mix time: 5 minutes).
 - ii. **1.8-gallon kit:** Mix for 2 minutes, scrape sides near top of pail thoroughly, then mix for an additional 1 minute (total mix time: 3 minutes).
 - **Induction Period:** Allow the mixture to stand for 3 minutes before application. Apply the entire contents immediately after the induction period as noted below.
7. **Apply second coat of Pecora Deck HB1100-SA in a single coat using a 3/8" notched squeegee at 36 sq ft/gal (45 wet mils).**
8. **Immediately back roll** using a 1/2" nap roller in two directions perpendicular to each other taking care not to displace the integral aggregates by applying too much pressure on the roller.
9. **Allow the Pecora Deck HB1100-SA to cure for 24 hours** prior to opening completed system to traffic.

HB1100-SA System	Traffic Coating System Component/s		Coating Thickness, mils (inches)				TOTAL System Thickness, dry mils (inches)	Integral Aggregate Mesh Size
			WET mils		DRY mils			
Ten (10) Year Vehicular	P-801VOC Primer, P-808 Primer, or Healer Sealer	HB1100-SA	1 st Coat (No aggregate)	2 nd Coat (w/ aggregate)	1 st Coat (No aggregate)	2 nd Coat (w/ aggregate)	82 (.082)	12/16 Vehicular
			45 (.045)	45 (.045)	41 (.041)	41 (.041)		

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