

PECORA DECK HB1100-SA TEN (10) YEAR PEDESTRIAN SYSTEM

Application Guidelines

- 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 DeckSeal, Dynatred, or Dynatrol II-SL polyurethane joint sealant.
- 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. Primer is **optional** for PEDESTRIAN applications. *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.* Field testing and site conditions will dictate priming requirements.

NOTE: Be aware that the 10-year single coat pedestrian system option includes the larger and more coarse Vehicular aggregate (12/16 US mesh). Contractors and/or owners should verify the coarser aggregate is acceptable prior to installation as this will result in a more aggressive surface profile.

SYSTEM APPLICATION OPTIONS

OPTION #1: SINGLE COAT SYSTEM

- Mix Pecora Deck HB1100-SA components:**
 - 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:**
 - 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).
 - 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.
- Apply Pecora Deck HB1100-SA in a single coat using a 3/8" notched squeegee at 32 sq ft/gal (49 wet mils).**
- 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.
- Allow the Pecora Deck HB1100-SA to cure for 24 hours** prior to opening completed system to traffic.

OPTION #2: TWO COAT SYSTEM

- Mix Pecora Deck HB1100-SA base and activator without aggregate.**
 - Add Activator:** Add Part B (activator) to the Part A (base).
 - Mixing Times:**
 - 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).
 - 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.
- Apply Pecora Deck HB1100-SA (without aggregate) in a single coat using a 1/4" notched squeegee at 81 sq ft/gal (20 wet mils).**
- 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.
- Mix Pecora Deck HB1100-SA components including 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.
 - Finish mixing by repeating the afore-mentioned mixing process with the preblended base/aggregate mixture.**
- Apply Pecora Deck HB1100-SA in a single coat using a 3/8" notched squeegee at 49 sq ft/gal (33 wet mils).**
- 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.
- Allow the Pecora Deck HB1100-SA to cure for 24 hours** prior to opening completed system to traffic.

HB1100-SA 10 YEAR Pedestrian System	Traffic Coating System Component/s		Coating Thickness, mils (inches)				TOTAL System Thickness, DRY mils (inches)	Integral Aggregate Mesh Size
			WET mils		DRY mils			
Option #1 Single Coat	No primer required ¹	HB1100-SA	49 (.049)		45 (.045)		45 (.045)	12/16
Option #2 Two Coats	No primer required ¹	HB1100-SA	1 st Coat (No aggregate)	2 nd Coat (w/ aggregate)	1 st Coat (No aggregate)	2 nd Coat (w/ aggregate)	48 (.048)	16/20
			20 (.020)	33 (.033)	18 (.018)	30 (.030)		

¹ Field testing and site conditions will dictate primer requirements.