

## PECORA DECK HB1100-SA PEDESTRIAN & VEHICULAR Application Guidelines

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 DeckSeal, Dynatred, or Dynatrol II-SL polyurethane joint sealants.
2. **Primer:** 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.
  - Primer is required for all VEHICULAR applications.
  - Primer is optional for PEDESTRIAN applications.

*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.*

3. **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:**
    - 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.
4. **Apply Pecora Deck HB1100-SA** in a single coat using an appropriately sized V-notched squeegee (see below) and apply the coating at the following coverage rates:
  - **PEDESTRIAN**                      1/4" V-notched squeegee                      49 sq ft/gal (33 wet mils)
  - **VEHICULAR:**                      3/8" V-notched squeegee                      36 sq ft/gal (45 wet mils)
5. **Immediately back roll** using a 1/4" 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.
6. **Allow the Pecora Deck HB1100-SA to cure for 24 hours** prior to opening completed system to traffic.

| Pecora Deck System          | Traffic Coating System Component/s                    |           | Mil (Inch) Thickness |              | Integral Aggregate Mesh Size |
|-----------------------------|-------------------------------------------------------|-----------|----------------------|--------------|------------------------------|
|                             |                                                       |           | Wet                  | Dry          |                              |
| <b>HB1100-SA PEDESTRIAN</b> | No primer required                                    | HB1100-SA | 33<br>(.033)         | 30<br>(.030) | 16/20                        |
| <b>HB1100-SA VEHICULAR</b>  | P-801VOC Primer,<br>P-808 Primer, or<br>Healer Sealer | HB1100-SA | 45<br>(.045)         | 41<br>(.041) | 12/16                        |

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