

PECORA DECK HB1100-SA UNDER TILE / UNDER CARPET Application Guidelines

General Notes: The addition of sand to refusal will limit the elastomeric properties of the HB1100-SA coating. Therefore, an initial coat applied “neat” without aggregate will be required and will act as the elastomeric waterproofing component of the system. If waterproofing is not required, then the initial neat coat as described below can be omitted. **The synthetic aggregates (Part C) supplied with the HB1100-SA kits will not be used for the Under Tile / Under Carpet systems.** See below for more details.

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. 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 sealants.
2. **(Optional) 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. The use of a primer is optional and may be required for enhanced adhesion or for sealing of porous surfaces to avoid outgassing prior to application of Pecora HB1100-SA.

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:**
 - **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.

Standard System (no waterproofing required)

4. Apply Pecora Deck HB1100-SA in a single coat at 45 wet mils (35 sq ft/gal) using a ¼” V-notched squeegee.
5. **Immediately broadcast silica sand aggregate (by others) to refusal as follows for the specified system below:**
 - a. **Under Tile:** Manually broadcast 16/35 mesh (0.047/0.019 inch) aggregate² to refusal (40-45 lbs /100 sq ft) while the Pecora –Deck HB1100-SA is still fluid.
 - b. **Under Carpet:** Aggregate broadcast is not required for under carpet systems.
Optional aggregate broadcast if needed for adhesive purposes: Broadcast 16/35 mesh (0.047/0.019 inch) aggregate² to refusal (40-45 lbs /100 sq ft) while the Pecora Deck HB1100-SA is still fluid.
6. Allow coating to cure a minimum 4 to 6 hours then sweep or vacuum to remove excess aggregate. Lower ambient and/or substrate temperatures (<70°F) may extend the cure time.
7. Apply carpet adhesive or thin set mortar over completed system.

Waterproofing System:

4. Apply Pecora Deck HB1100-SA in a single coat at 25 wet mils (63 sq ft/gal) using a ¼” V-notched squeegee.
5. Allow coating to cure for 4 to 6 hours.
6. Apply Pecora HB1100-SA in a single coat at 20 wet mils (81 sq ft/gal) using a ¼” V-notched squeegee.
7. **Immediately broadcast silica sand aggregate (by others) to refusal as follows for the specified system below:**
 - **Under Tile:** Manually broadcast 16/35 mesh (0.047/0.019 inch) aggregate² to refusal (40-45 lbs /100 sq ft) while the Pecora –Deck HB1100-SA is still fluid.
 - **Under Carpet:** Aggregate broadcast is not required for under carpet systems.
Optional aggregate broadcast if needed for adhesive purposes: Broadcast 16/35 mesh (0.047/0.019 inch) aggregate² to refusal (40-45 lbs /100 sq ft) while the Pecora Deck HB1100-SA is still fluid.
8. Allow coating to cure a minimum 4 to 6 hours then sweep or vacuum to remove excess aggregate. Lower ambient and/or substrate temperatures (<70°F) may extend the cure time.
9. Apply carpet adhesive or thin set mortar over completed system.

Pecora Deck System	Traffic Coating System Component/s		Mil (Inch) Thickness		Aggregate Mesh Size
			Wet	Dry	
UNDER TILE / UNDER CARPET	Optional Primer P-801VOC Primer P-808 Primer	HB1100-SA (One Coat System)	45 (.045)	41 (.041)	16/35 (.047/.019)
UNDER TILE / UNDER CARPET WATERPROOFING SYSTEM	Optional Primer P-801VOC Primer P-808 Primer	HB1100-SA (Two Coat System)	25 (.025)	23 (.023)	None
			20 (.020)	18 (.018)	16/35 (.047/.019)

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