

PECORA DECK 8019HB POOL DECKS & TENNIS COURTS

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)¹ 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. Apply Pecora-Deck HB1000 as follows:
 - i. **For Standard Aggregate Coverage:** Mix and apply **Pecora-Deck HB1000** at 75 square feet per gallon (20 wet mils) using a 1/4” notched squeegee.
 - ii. **For Sand to Refusal Aggregate Coverage:** Mix and apply **Pecora-Deck HB1000** at 130 square feet per gallon (13 wet mils) using a 1/8” notched squeegee.
- D. Distribute aggregate as follows:
 - i. **For Standard Aggregate Coverage:** Immediately broadcast 16/35 mesh (0.047/0.019 inch) aggregate² at 10 - 15 pounds per 100 square feet while the Pecora –Deck HB1000 is still fluid. Skip to step F.
 - ii. **For Sand to Refusal Aggregate Coverage:** Immediately broadcast 20/40 mesh (0.033/0.016 inch) aggregate² to refusal (40-45 pounds per 100 square feet) into wet Pecora-Deck HB1000. Allow coating to cure 2 - 4 hours then sweep off excess sand. Proceed to step E.
- E. Mix and apply Pecora-Deck HB1000 at 130 square feet per gallon (13 wet mils) using a 1/8” notched squeegee. Skip to step G.
- F. Immediately back roll using a 1/4” nap roller to achieve a uniform aggregate distribution in finished coat.
- G. 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 | | | |
| Pool Deck & Tennis Court 8017HB (standard broadcast) | n/a | 0 | 0 | n/a | 0 | 0 | HB1000 | 20 (.020) | 20 (.020) | 20 (.020) | 20 (.020) | 16/35 (.047/.019) |
| | 802FC | 23 (.023) | 23 (.023) | n/a | 0 | 0 | HB1000 | 20 (.020) | 20 (.020) | 43 (.043) | 43 (>043) | 16/35 (.047/.019) |
| | 802 | 32 (.032) | 26 (.026) | n/a | 0 | 0 | HB1000 | 20 (.020) | 20 (.020) | 52 (.052) | 46 (.046) | 16/35 (.047/.019) |
| Pool Deck & Tennis Court 8017HB (Sand to refusal) | n/a | 0 | 0 | n/a | 0 | 0 | HB1000 | 24 (.024) | 24 (.024) | 24 (.024) | 24 (.024) | 20/40 (.033/.016) |
| | 802FC | 23 (.023) | 23 (.023) | n/a | 0 | 0 | HB1000 | 24 (.024) | 24 (.024) | 47 (.047) | 47 (.047) | 20/40 (.033/.016) |
| | 802 | 32 (.032) | 26 (.026) | n/a | 0 | 0 | HB1000 | 24 (.024) | 24 (.024) | 56 (.056) | 50 (.050) | 20/40 (.033/.016) |

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.

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.