PECORA CORPORATION®
Architectural Weatherproofing Products
U.S.A. • since 1862

PECORA DECK 8013HB-PW
PLYWOOD DECKS

Construction Guidelines for Plywood Decks

- All plywood shall be identified as conforming to U.S. Product Standard PS 1 for Construction and Industrial Plywood by the grade-trademarks of the American Plywood Association. Use grade EXT APA B-C or EXT APA A-C.
- Plywood should be a minimum 3/4 inch thickness with joist spacing 16" on center and must be properly blocked. Tongue and Groove plywood is preferred. Plywood should be continuous across two or more spans, with face grain across supports.
- Install plywood in order to provide suitable panel edge support to prevent differential deflection between panels. In order to allow for expansion and contraction, space panels 1/16 in. at panel edges and at panel ends. Where wet or humid conditions are expected, these spacing may be increased.

Nailing

- Use minimum 6d non-rusting deformed shank (ring-shanked or spiral-thread) nails. Space nails 6 in. o.c. along panel edges and 12 in. o.c. along intermediate supports. Nails should **NOT** be countersunk, but simply nailed flush.

Wall to Deck Flashing

- All wall-to-deck flashing and under threshold flashing should be galvanized metal or copper and must be installed prior to the application of the base coat. The metal to plywood juncture must be detailed with 802 Base Coat and reinforcing fabric. Prime all metal flashings with P-100 primer.

Surface Preparation

a. Apply polyurethane joint sealant to butt joints that are not tight and tool the sealant flush to the surface.
b. Along the juncture of all horizontal and vertical surfaces, tool polyurethane joint sealant to form a 1", 45 degree cant and allow the sealant to cure overnight.
c. Prime all areas to receive the reinforcing cloth and detail coat with P-801VOC or P-808 primer.
d. Apply 20 wet mil detail coat, 4" wide over all primed joints and metal. Immediately embed a strip of reinforcing cloth into the wet coat and backroll.
e. Apply a second detail coat over the strip of the same wet mils and feather edge the terminating edges. Allow to cure to a firm but tacky rubber.
f. Apply 30 wet mils of an 802/802FC detail coat over all sealant cants and allow to cure to a firm but tacky rubber.

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. Base coat should be cured to a firm but tacky rubber at time of subsequent coating application.

Two Component Coating Mixing Procedure

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. Mix and apply **Pecora-Deck HB1000** at 120 square feet per gallon (13 wet mils) using a ¼" notched squeegee.
D. Broadcast 12/20 mesh (0.066/0.033 inch) aggregate[2] at 10 - 15 pounds per 100 square feet while the Pecora-Deck HB1000 is still fluid.
E. Immediately back roll using a ¼" nap roller and completely encapsulate the aggregate.
F. 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			
Plywood 8013HB-PW	n/a	0	0	n/a	0	0	HB1000	13 (.013)	13 (.013)	**13 (.013)**	**13 (.013)**	16/35 (.047/.019)
	802FC	23 (.023)	23 (.023)	n/a	0	0	HB1000	13 (.013)	13 (.013)	**36 (.036)**	**36 (.036)**	16/35 (.047/.019)
	802	32 (.032)	26 (.026)	n/a	0	0	HB1000	13 (.013)	13 (.013)	**45 (.045)**	**39 (.039)**	16/35 (.047/.019)

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CAUTION: Pecora Deck 800 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.