Application Instructions for Pecora-Deck™ Plywood Deck Coating

1. GENERAL

Plywood decks must be 3/4 inch minimum thickness, exterior grade, tongue and groove, A/C or better with "A" side up, with the deck being dry, clean and free of contamination. The deck must be designed to eliminate vertical deflection by selecting the proper plywood thickness and by the spacing of supporting joists. Surfaces must be smooth and free of splatters, ridges and fins. The surface should be sloped to scuppers or drains.

Tightly butt the panels with adjoining panels, with the butt joints being level and even. nail the plywood with 10d angular ring or twist shank nails, 6" O.C.

Embed the galvanized metal scuppers, drip edges etc. in Pecora Dynatred™ and tightly nail with ring shank nails, 4" O.C. Tool the excess Dynatred and form a smooth transition from metal to the plywood.

2. PREPARATION & DETAILING

Apply Dynatred to butt joints that are not tight and tool the sealant flush to the surface. Along the juncture of all horizontal and vertical surfaces, tool Dynatred to form a 1", 45 degree cant and allow the sealant to cure overnight.

Apply a thin coat, 6" wide, of P-808 primer centered over all butt and T&G joints, scuppers, drip edges, etc., and P-809 to all metal surfaces. Allow the primer to cure for a minimum of one hour and a maximum of eight hours. Apply 20 wet mils of 802 Base Coat, 4" wide over all primed joints and metal. Immediately embed a strip of reinforcing cloth into the wet coat and backroll. Apply a second coat over the strip of the same milage and feather edge the terminating edges. Allow to cure overnight.

Apply 30 wet mils of 802 over all sealant cants and allow to cure overnight.

3. PRIMING

Important: It is essential that primers stand for 30 minutes after mixing before being applied to substrate.

Apply P-808 at a rate of 250-300 square feet per gallon to all exposed plywood surfaces. Allow primer to cure as noted above before applying Base Coat. Spray or roller apply as recommended.

4. APPLICATION OF BASE COAT

Wipe detail coats with a clean cloth that has been wet xylene solvent.

Pour a 6" ribbon of 802 along the outside wall and using a roller or squeegee apply the coating 3" - 6" on vertical walls, piers and projections.

Apply 802 at 50 square feet per gallon or as needed to obtain 30 wet mils.

Wearing spike golf shoes and starting with an outside/exterior wall, use a longhandled notched squeegee to push the puddled 802 along the wall, angling the squeegee slightly inward, while evenly spreading 802 over the deck. Pour a 4" - 6" ribbon of 802 beside the previously spread coating. Standing in the fresh coating and angling the squeegee towards the center of the deck, proceed to push forward and spread the ribbon of material while walking along in the wet coating. Repeat this procedure back and forth across the deck until the Base Coat operation is completed. Allow this coating to cure overnight.

Note: Spike marks from golf shoes and ridges from squeegees will fill in as 802 levels. Backrolling also redistributes and fills spike marks and ridges.

5. APPLICATION OF TOP COAT

The surface of the Base Coat should have a slight tack to aid in the adhesion of all subsequent coats. If the coating has lost its surface tack, the surface must be cleaned with a cloth wetted with xylene. Do not saturate the surface with solvent.

If the coating has been exposed for a prolonged period, consult Pecora Technical Service Department for recommendations.

Apply Pecora 806 Top Coat at 100 square feet per gallon. Immediately broadcast 35-65 mesh silica sand into the wet Top Coat at a rate of 8-10 lbs. per 100 sq. ft. and backroll (wet roller) to completely encapsulate the sand. For optimal results, apply a second Top Coat with aggregate per above. Allow to cure for 48 hours before opening the deck to traffic.

Termination: Upon termination of the deck coating saw cut a 1/4" wide by 1/2" deep key joint, and allow the coating to fill the joint.

Note: To get even distribution and to completely encapsulate aggregate properly, it is necessary to apply an ample amount of 806 to the deck. Create a mini-slurry, and spread evenly across the deck by backrolling. Stretching coverage rate of 806 will result in clumping, uneven distribution of aggregate, minimum non-skid properties and less than desirable wearing quality.

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