



4595 W. Jacquelyn Avenue, Fresno, CA 93722 • Tel:559-275-9620 • Fax:559-275-9629

Deck Underlayment Application Procedure

Objective: to create a 60 mil waterproof deck underlayment using Rubber Coat

General:

The following is a general application procedure for PermaDri's Rubber Coat when applied over a plywood substrate. Each project will have special conditions and these should be identified and addressed separately from this general application. For any details not covered in this application procedure, please contact PermaDri Inc. before proceeding.

Submittals:

1. Product literature, samples and MSDS provided upon request.
2. Samples, data sheets and MSDS sheets must be submitted to PermaDri of all materials not supplied by PermaDri and must be pre-approved by PermaDri prior to job start.

Preparation:

Prior to installation of membrane these steps must be followed:

1. Make sure you read and follow PermaDri's recommendations for the selection and installation of the plywood.
2. Make sure deck is free of dust and debris.
3. Make sure all fasteners are flush with deck. Make sure there are no sharp objects. Remove or make flush with deck.
4. Make sure deck is free of standing water and moisture (Damp plywood may lead to blistering of membrane and potential dry-rotting of plywood). A moisture scan is recommended. Make sure the substrate has adequate slope to freely drain. Ponding water will damage the installation. PermaDri coatings cannot be used to create slope or level the substrate.

Application: 3-coursing flashings

Rubber Coat must be installed on a clean, dry and structurally sound surface, free of sharp edges, loose or foreign material, dirt, oil, or debris that may damage the Rubber Coat membrane.

1. For plywood deck to wall flashings apply a layer of Rubber Coat on deck and under metal flashing. Fasten flashing to deck making sure fasteners penetrate Rubber Coat every 4-6 inches on center staggered.



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2. Apply a layer of Rubber Coat over fastened wall flashing and onto deck.
3. Embed polyester fabric* into wet Rubber Coat making sure fabric is completely saturated.
4. Brush or roll Rubber Coat over polyester fabric. Allow membrane to dry to touch before proceeding.

Application: 3-coursing angles, seams and penetrations

1. For all angles, seams and penetrations; brush or roll Rubber Coat 6-8 inches wide.
2. Embed a 4 or 6 inch wide polyester fabric into Rubber Coat.
3. Brush or roll Rubber Coat over polyester fabric extending 2 to 4 inches past existing Rubber Coat. Allow all 3-coursing to dry to the touch before proceeding (typically 24 hours).

Application: Rubber Coat over plywood

1. Brush or roll Rubber Coat over entire deck one direction (approximately 1- 1.5 gallons per 100 square feet) taking special care to fill in all depressions and making sure all nail heads are completely covered. Allow to dry.
2. Brush or roll Rubber Coat over entire deck in the opposite direction (approximately 1-1.5 gallons per 100 square feet). Allow to dry.
3. Repeat steps above until total thickness is achieved (6 total gallons per 100 square feet).
Applying thin layers may speed up cure time. Sand can be broadcast into the final coat for optimal thin set adhesion
4. Allow system to completely cure before installing any thin set, tile, or pavers. Typical cure time is 36-48 hours.

Note: Minor blistering is common with water-based products. Most blisters subside over time. Large and unsightly blisters should be cut and repaired with polyester fabric (if necessary) and sealed with coating.

Note: Cure times can be affected by weather conditions. Ideal conditions are 70 F+ and 50% or less humidity. Given ideal conditions normal cure times are 24-48 hours for the full system. Fans and heaters can be used to accelerate the drying/curing process.

*recommended polyester fabric: TieTex T272