



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

## **Planter Box Application Procedure**

**Objective: to create a 60 to 80 mil waterproof membrane in a planter box using Rubber Coat**

### **General:**

The following is a typical application for the Rubber Coat membrane when applied as a coating or new membrane for waterproofing planter boxes. Each project will have special conditions and these should be identified and addressed separately from this general application. For any details not covered in these installation instructions, 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 commencement of work, a thorough inspection of the planter box surface should be carried out to confirm the following:

1. If there are outlets, all areas should maintain positive drainage.
2. All pipes and penetrations should be correctly installed to insure they are secure and sound. Dual penetrations must be a minimum of 2 inches apart.
3. Patch concrete surfaces using sand cement and bondcrete mixture to fill void spaces. All voids or cracks  $1/16^{\text{th}}$  of an inch or greater must be filled.

*Note: Large cracks should be 3-coursed with Rubber Coat and fabric.*

### **Application: 3-coursing angles, seams, and penetrations**

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.



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1. For all angles, seams and penetrations; brush or roll Rubber Coat 6 to 8 inches wide.
2. Embed a 4 or 6 inch polyester fabric\* into wet Rubber Coat so that it is fully saturated.
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**

1. Beginning with walls brush or roll Rubber Coat in one direction starting at lowest point and working to highest point at rate of 1 gallon per 100 square feet. Allow Rubber Coat to dry to the touch prior to proceeding.
2. Brush or roll Rubber Coat over entire Planter Box in opposite direction at the rate of 1 gallon per 100 square feet.
3. Repeat steps 1 and 2 until total thickness is achieved (6 to 8 gallons per 100 square feet).

*Note: When building thickness on vertical walls let Rubber Coat dry to the touch before applying next coat to avoid sagging of the membrane.*

**Note: Non selected back-fill requires a protection board or drainage board to be installed prior to filling. Contact PermaDri if there are questions on fill material.**

**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