

APPLICATION GUIDELINES

C. PLANTER BOXES

One of the most common difficult applications for Polyguard Waterproofing Systems and other sheet membranes is in concrete planter boxes. Planters can range in size from small 2' x 2' areas to large acre size. There are some key elements to accomplishing a successful planter application for Polyguard Waterproofing Systems. Listed below are the key points:

- ! **Liquid Membrane** - Polyguard #95 Liquid Membrane applied at a thickness of 90 mils. All inside corners must be treated with a 3/4" faced fillet of Polyguard #95 Liquid Membrane. The fillet should be extended 12" in either direction of the corner. This reinforces a critical area and allows an angle less than 90° for the Polyguard Waterproofing Membrane to change direction. 90° corners may not overlap properly, resulting in possible leaks. Do not prime concrete before applying LM #95.
- ! **Membrane Application** - Polyguard 650 Waterproofing Membranes are applied in the planter per our normal standard details.
- ! **Termination** - Top termination of the membrane should be at or above soil level. A reglet is preferred, but not required. Polyguard 650 Mastic is used to seal off the top termination. Particular care should be taken to roll the top edge of the membrane firmly for complete adhesion at this critical point.
- ! **Size of Planter** - Polyguard Waterproofing Membrane should be used in Planters larger than 4' x 4'. In smaller planters, Polyguard #95 Liquid Membrane is easier to work with to attain a complete seal.
- ! **Protection System** - Protection course should always be used in planter areas. Refer to "Related Materials" Section.
- ! **Drainage Systems** - Many drainage systems are compatible with Polyguard Waterproofing Systems. See "Related Materials" for details.