



**Mer-Kote Products, Inc.**

## **Two Membrane Waterproofing For: Exterior Hard Surface Decks.**

### **Substrate, Metal and First Membrane:**

1. Minimum 5/8" exterior grade plywood or concrete.
2. Install flashing 26-gauge minimum (or specified product and thickness).
3. Lap all flashing a minimum of 4 inches and seal all field joints with a polyurethane sealant. Fully soldered corners and terminations as well as all door pans. Nailing to be a minimum of three inch on center in a stagger pattern.
4. Drains to be a clamping ring shower drain. JR Smith or similar (Per TCA requirements).
5. Install Mer-Kote Mer-Thane (320) over entire surface and all joints. Embed fabric (type 3) into wet membrane at joints. Apply a minimum of 60 mils to the entire surface of the deck. Ensure all flashing is completely covered and waterproof.
6. Protect the Mer-Thane from damage by other trades (using a cap sheet or other means).

### **Mortar Bed, Expansion Joints and Primary Membrane:**

1. Install Mer-Kote's Underlite Underlayment to all areas to eliminate ponding or standing water. Complies with ANSI 118.1
2. Install full mortar expansion joints at all walls (restraining surfaces) as well as a minimum of 12' on center in the field (follow TCA guidelines for proper expansion joints). Do not cut in expansion joints.
3. Install closed cell backer rod and polyurethane in expansion joints.
4. Install Mer-Kote BFP Waterproof Membrane at all areas (per Mer-Kote Specifications) and attach to all vertical areas. Installation of the BFP is required at the clamping ring.

### **Tile or Hard Surface:**

1. Install all brick, stone or tile using Mer-Krete 200 Latex and 211 Filler powder.
2. Use Mer-Krete 150 Acrylic for Grout Additive or premium grade polymer modified grout.

### **Warranty:**

Mer-Kote Products will issue a Ten Year warranty when the deck system has been installed by an approved applicator and inspected by a Mer-Kote representative.