

## **POLY-CRETE TF PLUS COVE BASE**

**IMPORTANT!** Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. DUR-A-FLEX, Inc. maintains a Technical Staff that will be glad to answer your questions and give you advice pertaining to your particular installation.

**POLY-CRETE flooring systems can be installed with an integral cove base to provide a seamless floor to wall surface that resists deterioration by water, food and chemical spills.**

### **Measure and apply tape or cove strip**

The top of the cove can't be terminated with a cove strip or painters tape. Using the cove tool as a guide, mark the walls with a pencil at 1/4" below top of trowel, (i.e. 4" trowel mark wall 3 3/4" from floor). Snap a chalk line and apply 2" of blue painters tape or cove strip at the chalk line.

### **PRIME WALLS**

**Priming is a very important step prior to installing the cove matrix. It helps the mixed cove material "hang" onto the vertical surface.**

The first step is to add POLY-CRETE TF PLUS Resin to a 2 gallon mixing pail. Be sure to scrape the sides and bottom of the container with a mix stick. Add POLY-CRETE TF PLUS COVE Hardener and scrape out the container. Blend the resin and hardener with a drill and a 4" dispersion blade for 20 seconds. Continue to mix slowly and add POLY-CRETE TF PLUS Aggregate to the mixing pail. Mix for 1 minute. Use a disposable brush to paint a thin coat of the mixture onto the wall and 1" out onto the floor. One kit will yield 180 LF.

**Note:** Re-prime if the primer cures before applying the cove matrix. Primer will stay tacky for 30 min @ 70°F

### **MATRIX MIX**

The first step is to add POLY-CRETE TF PLUS Resin to a 2 gallon mixing pail. Be sure to scrape the sides and bottom of the container with a mix stick. Add POLY-CRETE TF PLUS COVE Hardener and scrape out the container. Blend the resin and hardener with a drill and a 4" dispersion blade for 20 seconds. Continue to mix slowly and add POLY-CRETE TF PLUS Aggregate to the mixing pail. Mix for 1 minute. After pre-mixing the resins and powder; pour the mix into a 5-gallon metal pail. Use a 5-gallon pail mixer and/or a high torque, low speed drill with a "birdcage" mixing head. Slowly add 10 quarts of flintshot and mix thoroughly until all aggregate is wetted out. **Note:** When forming and finishing the cove, lubricate and clean the trowel with Xylene. This will allow the trowel to glide along the cove matrix and tightly close the cove.

### **SPREAD MATRIX**

Working out of the 5-gallon pail, spread the matrix on the wall with a 3" flat finishing trowel or 4" putty knife. Leave enough excess on the floor to form the cove radius. Spread the entire matrix and then use the cove trowel to form and smooth out the cove for a smooth finish.

Do not leave rough open spots on the face of the cove. **Note:**

When forming and finishing the cove, lubricate and clean the trowel with Xylene. This will allow the trowel to glide along the cove matrix and tightly close the cove.

### **CLEAN UP**

Pull tape after each mix is spread and pick up excess matrix from the floor. Cove needs to cure for 8-10 hours before the next step. Clean the entire cove base with a mason's rub stone to remove any rough spots.

### **TOP COAT**

The topcoat for the base is applied before the topcoat on the floor. First add POLY-CRETE TF PLUS Resin to a 2 gallon mixing pail. Be sure to scrape the sides and bottom of the container with a mix stick. Add POLY-CRETE TF PLUS COVE Hardener and scrape out the container. Blend the resin and hardener with a drill and a 4" dispersion blade for 20 seconds. Mix slowly and add POLY-CRETE TF PLUS Aggregate to the mixing pail. Mix for 1 minute. Paint POLY-CRETE TF PLUS COVE onto the base using a disposable brush.

**NOTE:** Some applications may call for a POLY-CRETE COLOR-FAST TOPCOAT. Follow the same mix procedure as stated above. To ensure proper sealing of the cove you should first seal the cove with POLY-CRETE TF PLUS COVE and then apply POLY-CRETE COLOR-FAST.

### **CAUTION**

As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including, using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

*Before using any DUR-A-FLEX, Inc. product, be sure the Safety Data Sheet is read and understood.*

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