

ULTRA CLEAR 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.

Epoxy 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.

NOTE: No epoxy coatings should be applied unless surface temperature is a minimum of 5 degrees F above dew point. See Dew Point Calculation Chart on our website for detailed instructions.

Measure and apply tape or cove strip

The top of the cove can 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. Apply 2" 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" on the vertical surface.

Measure out 1 pint ULTRA CLEAR Hardener and 1 quart ULTRA CLEAR COVE REZ. Add ULTRA CLEAR Hardener to the mixing pail first. Add ULTRA CLEAR COVE REZ and scrape out the container. Be sure to pour both Hardener and Resin into the center of the mixing pail. Blend the epoxy with a 450 r.p.m. drill and 3 1/2" jiffler mixer for 2 minutes. Use a disposable brush to paint a thin coat on the wall and 1" out on the floor.

Note: If the primer cures before applying the cove matrix, re-prime.

Matrix Mix

Measure out 1 pint ULTRA CLEAR Hardener and 1 quart ULTRA CLEAR COVE REZ. When combining, follow the same pouring and mixing procedure outlined above. Pre-mix the resins with a 3 1/2" Jiffler Mixer; then pour into

a 5-gallon metal pail Using a 5-gallon pail mixer, add 6-8 quarts of Q-28 colored aggregate and blend until all the aggregate is wet out.

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 Trowel

Eeze, Xylene, or Denatured Alcohol. 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 next step. Clean the entire cove base to remove any rough spots with a mason's rub stone.

Top Coat

The topcoat for the base is applied before the topcoat for the floor. Measure out 1 pint ULTRA CLEAR Hardener and 1 quart ULTRA CLEAR COVE-REZ and combine following the pouring and mixing procedure outlined in the priming section. Blend with 450 r.p.m. drill and 3 1/2" jiffler mixer for 2 minutes. Paint epoxy onto the base using a disposable brush. Follow with a flat squeegee to remove excess material. Repeat process for second topcoat.

NOTE: For more information please see the instructional video on our website.

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.