



Epoxy.com Product #720

Product #720 Cove Paste Binder Method

Installation Instructions – Cove Base

I. GENERAL INFORMATION

Most Epoxy.com FLOORING SYSTEMS can be installed with an integral cove base to provide seamless wall to floor protection. The outline below explains mixing and installation procedures for each type of system.

II. SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **Epoxy.com Surface Preparation Guide**. Specific attention should be paid to the following:

- A. Concrete placement
- B. Curing and finishing techniques of the concrete substrate
- C. Age of concrete
- D. Previous contamination of the substrate
- E. Present condition of the substrate

Also, the temperature and humidity conditions of the area to receive the flooring system should be checked. An optimum room temperature of 75°F with a minimum slab temperature of 50°F is required for proper cure of the resin flooring system.

III. COVE BASE FOR Epoxy.com Product #15 QUARTZ SYSTEMS

Installations of an integral cove base with **Epoxy.com Flooring** is normally terminated at the floor line by cutting a straight line at the bottom of the cove and installing the system up to that point. The top of the cove can be terminated with a divider strip. Alternate method involves masking a line with Duct Tape at the top of the cove. If using the duct tape method, be sure to remove the duct tape before the cove sets up too much to remove the duct tape properly.

A. Material Quantities

1. [Epoxy.com #899 Primer](#) / *Low Modulus Binder* 1 gallon
2. *Epoxy.com #720 Cove Paste Binder* 1.25 gallons
3. [Epoxy.com Quartz Granules](#) 100 pounds
4. *Epoxy.com #60 Cove Powder* 1 quart

Recommended batch quantities

- 1 Quart *Epoxy.com #720* part A & 1 cup *Epoxy.com #720* part B
2. 24 pounds *Epoxy.com Colored Quartz Granules*
3. 1 Cup *Epoxy.com # 60 Cove Powder*

Estimated Batch Coverage: 22-25 lineal feet at 1/8"

B. Installation--Priming

It is very important to prime the wall surface prior to installing cove base. Priming insures maximum adhesion to the prepared substrate and helps mixed cove material to "hang" on the wall.

1. Mixing ***Epoxy.com #899* Low Modulus Epoxy Primer**
 - a. Stir each component prior to mixing.
 - b. Mix two (2) parts by volume of Part A (Base) with one (1) part by volume of Part B (Hardener) for three minutes with a low speed electric drill mixing paddle.
 - c. If thinning is desired, add no more than one pint of xylene per gallon of epoxy at time of mixing.
 - d. ***Mix only that amount of material that can be used in 40 minutes.***
2. Application--Brush primer onto the wall surface.
3. Allow Primer to tack-up.

C. Installation--Cove Base

1. Mixing ***Epoxy.com #720* Cove Paste Binder, Quartz Granules, & Cove Powder**
 - a. Stir each component prior to mixing.
 - b. Mix four (4) parts by volume of Part A (Base) with one (1) part by volume of Part B (Hardener) for three minutes with a low speed electric drill mixing paddle.
 - c. Transfer to KOL mixer and add *Epoxy.com Cove Powder* to the premixed *Epoxy.com #720*.

Note: Epoxy.com recommends the use of a KOL Mixer when preparing cove base material. Insufficient mixing of cove base material will result in a stiff, dry, and hard to trowel blend that does not have sufficient wetting of aggregate to insure proper bonding to the substrate.

d. Continue mixing while adding *Epoxy.com Colored Quartz Granules*.

e. Mix resin/aggregate mortar for 3 to 4 minutes or until aggregate uniformly is wet.

2. Application

a. Trowel cove base mixture vertically onto primed wall surface at 1/8" thickness.

b. Place material at the cove and form cove radius using and appropriate cove trowel.

c. Terminate bottom of cove base and install quartz flooring up to base.

IV. COVE BASE FOR Epoxy.com MORTAR AND Epoxy.com LASTIC SYSTEMS

Installations of an integral cove base with **Epoxy.com Solid Colored Floor Systems** are normally terminated at the floor line by cutting a straight line at the bottom of the cove and installing the system up to that point. The top of the cove is preferably terminated with a divider strip as pictured in the following pages.

A. Material Quantities

1. [*Epoxy.com #899*](#) Primer/Low Modulus Binder 1 gallon
2. *Epoxy.com #720* Cove Paste Binder 1.25 gallons
3. *Epoxy.com Blended Mortar Aggregate* 100 pounds
4. *Epoxy.com #60 Cove Powder* 1 quart

Recommended batch quantities

1. 1 QT *Epoxy.com #720* part A & 1 cup *Epoxy.com #720* part B
2. 21 pounds *Epoxy.com Blended Mortar Aggregate*
3. 1 pint *Epoxy.com Cove Powder*

Estimated Batch Coverage: 22-25 lineal feet at 1/8"

B. Installation--Priming

It is very important to prime the wall surface prior to installing cove base. Priming insures maximum adhesion to the prepared substrate and helps mixed cove material to "hang" on the wall.

1. Mixing **Epoxy.com #899 Low Modulus Epoxy Primer**

- a. Stir each component prior to mixing.
- b. Mix two (2) parts by volume of Part A (Base) with one (1) part by volume of Part B (Hardener) for three minutes with a low speed electric drill mixing paddle.
- c. If thinning is desired, add no more than one quart of xylene per gallon of epoxy at time of mixing.
- d. **Mix only that amount of material that can be used in 40 minutes.**

2. Application--Brush primer onto the wall surface.

3. Allow Primer to tack-up.

C. Installation--Cove Base

1. Mixing **Epoxy.com #720 Cove Paste Binder, Mortar Aggregate, & Cove Powder.**

- a. Stir each component prior to mixing.
- b. Mix four (4) parts by volume of Part A (Base) with one (1) part by volume of Part B (Hardener) for three minutes with a low speed electric drill mixing paddle.
- c. Transfer to KOL mixer and add *Epoxy.com Cove Powder* to the premixed *Epoxy.com #60*.

Note: Epoxy.com Resin Company recommends the use of a KOL Mixer when preparing cove base material. Insufficient mixing of cove base material will result in a stiff, dry, and hard to trowel blend that does not have sufficient wetting of aggregate to insure proper bonding to the substrate.

- d. Continue mixing while adding *Epoxy.com #77 Mortar Aggregate*
- e. Mix resin/aggregate mortar for 3 to 4 minutes or until aggregate uniformly is wet.

2. Application

- a. Trowel cove base mixture vertically onto primed wall surface at 1/4" thickness.
- b. Place material at the cove and form cove radius using and appropriate cove trowel.
- c. Terminate bottom of cove base and install mortar flooring up to base.

D. Installation--Grouting and Sealing

The grouting and sealing of the floor should be performed over the entire area receiving the system. The cove base should also receive the same grout and seal coats as the finished floor in order to provide proper performance and appearance. See installation instructions for each system to be installed.

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

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