



Epoxy.com Coatings



Installation Guide

Includes Mixing

This Guide Starts after Surface Prep

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Before You Start

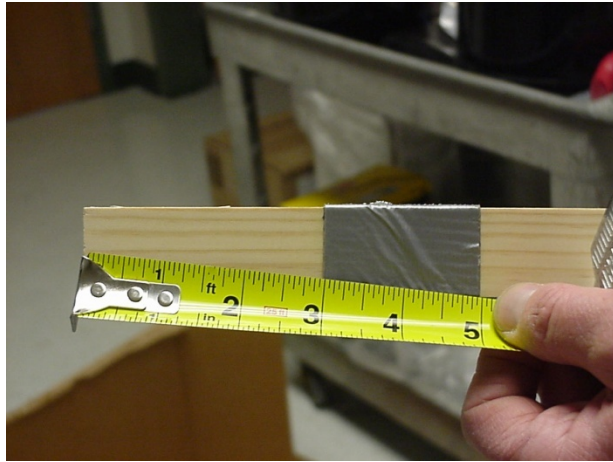
- Have you read the basics Epoxy.com Tech Bulletins yet?
 1. Concrete Preparation
 2. Do With Epoxy
 3. Don't Do With Epoxy.



Cracks & Floor Joint Prep

- Repair non-moving joints and cracks with Epoxy.com Product #703 – www.epoxy.com/703.htm. Minor holes and depressions can be filled with #703 as well.
- Major resurfacing of very rough floors can be done with any of Epoxy.com Epoxy, or Polymeric mortar systems.
- Joints can also be filled with Product #11 – www.epoxy.com/11.htm
- Structural cracks should be repaired by epoxy injection – www.epoxy.com/injectn.htm or Epoxy.com Crack Healer Product #685 www.epoxy.com/685.htm

Mixing is by far the most important part of installation.



One method to insure accurate mix ratios is to put measurements on sticks with the appropriate mix ratio. In the case of the 315BC and 315TOP this is 2 Parts A to 1 Part B, so you might do 2 inches “A” to 1 inch of “B”

Layout Your Equipment and Materials



Layout your equipment and material in advance of getting started. Materials have short potlife and it pays to be prepared. You will want to think through all the details of the job. Be sure to have plenty of rollers, roller covers, paint brushes, pails, etc. ready if and when you need them.

Mixing Preparations



- It is sometimes helpful to put some duct tape on the A stick. It will help you to see your line when using the pigmented “A” side
- Be sure to properly protect the floor where you will be doing your mixing.

Stir Each Component Separately



Stir the Resin “A” and the Hardener “B” each separately in their original container before measuring and mixing the two together. Be careful to use separate stir sticks so not to cross contaminate.

Preparing to Mix Resin and Hardener Together

- A 5 gallon metal pail or 5 gallon plastic pail makes a great mixing bucket.
- Always be sure that your mix bucket is clean and is not contaminated with anything before you mix.
- Some people like to use the two bucket method. That allows your person mixing to be mixing while your install people are installing the last bucket.
- If you start to show signs of your material hardening in the mix bucket, start using a new one.

Mixing Tools

- Typically you will want to use a paddle mixer, that goes into a low speed drill. It is critical that the mixer is big enough and the proper type. Typically you will want to use the mixers that look like they have at least 2 propellers about 5 inches or more in diameter.
- Your drill mixer should be large enough to stir the entire batch at once. A mixer that only moves only the partial contents of the pail, may result in inadequate mixing.
- Be sure that you use a clean mixing paddle. A dirty mixing paddle can result in poor mixing or contamination of the batch.
- When mixing try not to whip any unnecessary air into your mix.

Mixing

- Carefully measure out the “A” resin and the “B” hardener into two other containers.
- Pour “A” resin into your mixing bucket and then pour the “B” hardener into the mixing bucket. Always pour the “A” first and then the “B”
- Stir for 3 minutes, being sure to scrape the bottom and sides as you mix.



Optional Cove



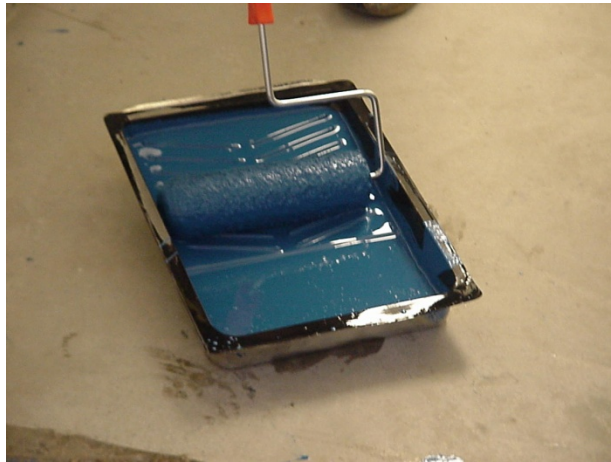
- Duct tape makes the best masking tape but be sure to remove it as you go.
- You will need to trim as you go.

Doing the Trim

- Trim around all the areas that are difficult to roll.
- Remember not to get too far ahead, you don't want the material to set up before it is broadcast.
- Also remember to pull the duct tape while the material is still wet



Applying the Base Coat



- Pour the mixture into the Roller pans.
- Be careful not to get foreign material into you mix or onto your floor.
- If you are looking to coat a wall, be sure to ask about our “Wall Grade” coatings. They are thicker and so they are less likely to run.

Spreading the Base Coat

- Darker colored backgrounds are more forgiving of differences in colors and texture in the substrate.
- Be sure to apply at an even spread rate that is the recommended by the manufacturer.



Repeat

- After the floor has hardened. Typically overnight add another coat.
- For added safety, on floors, ask your Epoxy.com Representative about anti-skid additives.
- You can also broadcast special aggregates into the first coat for a thicker build up with anti-skid.
- Remember when in doubt contact Epoxy.com Technical Support.

For More information Please Contact:

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