

Patching Instructions

Thank you for choosing Corinthian Cast Stone as your Architectural Cast Stone Supplier. Enclosed you will find custom blended patch mix for your project.

1. To patch your stone, you will need the following:

- 1.1. Custom blended patch mix, provided by CCS.
- 1.2. White or Grey Portland cement, provided by CCS.
- 1.3. Acryl 60 or equivalent (non-yellowing bonding agent), supplied by the customer.
- 1.4. Mixing containers, mixing tools, trowels, floats, water spray bottle, etc., supplied by the customer

2. Directions to Prepare the Pre- Patch:

- 2.1. Mix the (Patch Material) 4 parts aggregate / color blend with 1 part Portland- blend thoroughly.
- 2.2. Mix in a separate container a small amount of the patch material with just enough equal parts water and bonding agent as needed to make a peanut butter consistency mix.
- 2.3. Thoroughly drench the damaged and surrounding areas of stone with cool water and avoid doing the repair under hot sunshine. Apply the acrylic bonding agent to the damaged area of the stone and allow to stand for five (5) minutes.
- 2.4. Apply the "paste like" mix to the surface of the patch area and let stand for 2 minutes.

3. Directions to Patch:

- 3.1. The repair mix should be as dry as possible (approx 5 parts dry aggregate to 1 part equal bonding agent and H₂O), with just enough water so that it will be tightly compacted when forced in place.
- 3.2. The color of the material should approximate the color of the wet stone. If the material is too light in color, it may be too wet
- 3.3. Shape the patch to the proper contour or squared edge of the stone.
- 3.4. After initial set, blend the patching material into the adjacent area with a float.- use a spray bottle set to a fine mist to rid the surface and surrounding area of cement film. **BE VERY CAREFULL HERE NOT OT OVER SPRAY OR YOU WILL HAVE TO START OVER.**
- 3.5. Cover the repair with a damp cloth or plastic sheet to aid curing.
- 3.6. For best results, be sure patch has cured a minimum of five (5) days before final wash down with masonry cleaner. If necessary, rub with a piece of #120-grit sandpaper to match the stone finish.

Notes:

- Do not use the material after it has started to set. (Approximately 20 minutes)
- Some finishes, which contain color pigments, may require a mild acid wash during cleaning in order to obtain a better color match.
- Always obtain approval before proceeding with the balance of the work.
- Over a period of months, curing, weathering and ultraviolet bleaching will have a tendency to further blend the finished color of the repair.