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Patch procedure for GFRC, (small to medium sized patch)

Pre-proportioned patching kit consists of SAND, CEMENT and PIGMENT. These elements may be packaged in one bag or the sand may be bagged separately. Confirm that all three parts are included.

Mix the ingredients together dry thoroughly until one homogenous material. No traces of pigment should be visible.

SLOWLY add mixture of FORTON and WATER (this solution will be provided by DKI, do not use water only). Due to potential moisture variances in the sand, pre-measuring fortion and water is not recommended. Final consistency of the mix should be "3-4 inch slump". The mix should appear similar to the consistency of mortar and has a workable time of 30 minutes.

Thoroughly soak area of stone to be patched. Use clean water for this, do not use the fortion and water mixture. Allowing fortion to smear the surface of the stone will result in staining.

Using a trowel, form wet mix into area to be patched. Leave material slightly higher than adjacent surfaces. Clean any excess material from area surrounding the patch while the material is wet.

Cover patch with plastic and seal air tight with tape or other means and allow the patch to cure overnight, minimum 12 hours in 45 degree temperatures or higher. Patching in temperatures lower than 45 degrees is not recommended.

After removing the plastic, some light sanding may be needed. Doing so will temporarily lighten the color of the patch making it look dissimilar to the adjacent material. Cleaning with a scrub brush and water will return patch to proper color.

Repeating the process may be necessary to correct any deformities in the initial patch; follow the same procedure when doing so.

When attempting a large patch, the viability must be examined in a case by case basis to determine the best course of action.