



### **3300 PATCHING INSTRUCTIONS**

**3300** is an ideal system for making patch repairs in damaged concrete or existing epoxy flooring. The key to a successful repair is in the proper preparation of the surface and following the manufacture's mixing instructions. The following is a detailed description of completing patch repairs with **3300**.

1. If surface has existing topping, use a hammer to sound test the surrounding topping to check how far out the damage has occurred.
2. Using a carpenter square and a chalk line, snap a line to lay out area to be patched. Take an electric chipping hammer and remove all damaged topping or concrete to provide a clean, sound substrate. Take special care in chipping a deeper chase around the perimeter of the cut. Terminating the patch to a 1/4" sawcut edge is strongly recommended.
3. If oils are present, degrease surface prior to further surface preparation. Scarify or acid etch, concrete. To acid etch, mix 1 part Muriatic acid with 3 parts water. Spread on floor and allow to react for 2-3 minutes, scrub surface, and rinse. Neutralize using a mixture of water and non-sudsing ammonia at the ratio of 1 gallon of water to 1 cup of ammonia. Rinse with clean water and remove standing water with a wet vac. Allow surface to dry completely before proceeding.

**NOTE:** Use only materials that have been stored in warm, dry room. (60°F-75°F) Apply to surfaces no colder than 50°F (Unless using 3300CT which can be applied on surfaces as low as 30°F).

4. Mix Part A and Part B of **3300 Primer** in a clean container with a drill and jiffy mixer blade for 2 minutes. It is also possible to mix the primer by adding Part B into the Part A container, securely place lid on Part A container, and shake container to mix. Brush a thin coat of Primer onto surface.
5. In a Clean 5 gallon pail, Mix Part A and Part B for 2 minutes. Add Part C and mix for additional 2 minutes. It is best to use a 5- gallon pail mixer to mix the mortar portion of the materials. It is also possible to mix the mortar in the shipping container by slowly adding **mixed** Part A and B with Part C in the shipping container while mixing with a drill mixer. The drill must be a minimum of 1 hp and a hexagonal mixing blade is strongly recommended.
6. Pour mix into areas to be patched and spread mortar evenly over surface with a 3" x 10" finishing trowel. Close up surface by applying pressure on trowel and make sweeping motions over mortar. Try to work material in one direction to yield smoother surface. Never attempt to "feather" the edges when troweling. Allow mortar to cure for 3-4 hours at ~70°F.

The Success of your installation greatly depends on you following these instructions. If you require assistance during the installation feel free to call Milamar Technical Support at (800) 459-7659