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- 1 ) Set aside a couple of cups of the portland cement to be used for the final finishing stages of the repair.
  - 2 ) Cut or chisel the length of the crack to create a notch 1" wide and ½" to 1" deep. The edges of the notch should not be smooth. Roughen up the edges if necessary so that the repair will bond firmly to the existing floor.
  - 3 ) Wet the notched area thoroughly.
  - 4 ) Mix the portland cement with the terrazzo chips to create a consistency which is not runny nor is it thick like dough. A consistency you can hold in your hand.
  - 5 ) Fill the notch by hand and mound it above the finished floor by approximately 1/8".
  - 6 ) Pat repair with a flat sided tool to vibrate the material in order to release air bubbles and excess water.
  - 7 ) Wet a cloth and lay it over the repair. Leave the repair covered for 24 hours. During this time the repair will dry.
  - 8 ) After 24 hours, peel the cloth off of the repair. Push on the repair with your hand; it should adhere firmly to the existing base.
  - 9 ) Grind the repair to the original base surface. Use an 80 grit masonry wheel for sanding or polishing. An angled grinding tool works best for the application.
- NOTE:** This grinding will create a lot of dust. You should wear a filtering mask and isolate the area with a plastic cover over the doorway. If the grinding tool allows, wetting the floor surface prior to grinding will reduce dust.
- 10 ) Take some of the reserve portland cement and make a slurry ( pretty wet consistency, similar to paint ) and rub over the repair.
  - 11 ) Now dust the slurry covered repair with some of the reserve dry portland cement. Allow the powder to set a couple of minutes until it becomes wet.
  - 12 ) Take a rag and wipe off the excess. This will grout any pitting created during the repair.
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