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## ***Proper Mixing Procedure for 3 Gallon Kit of Protexior 793 Epoxy Mortar 2 Parts (A) to 1 Part (B) Epoxy***

1. Open and mix the contents of the Part A (base) with an explosion proof or air driven heavy-duty drill mixer. Mixing should be performed until the liquid material is free of any lumps and demonstrates a smooth uniform consistency. Care should be taken to ensure that the bottom of the container does not contain any components of the coating that may have settled since the manufacture of the product.
2. Open and mix the contents of the Part B (activator) with an explosion proof or air driven heavy-duty drill mixer. Mixing should be performed until the liquid material is free of any lumps and demonstrates a smooth uniform consistency. Care should be taken to ensure that the bottom of the container does not contain any of the coating constituents that may have settled since the manufacture of the product.
3. The entire contents of both part A and part B containers should be added to a clean 5 gallon mixing container, all cans should be wiped out clean with a brush to ensure all of the coating materials are removed from their original cans and added to the 5 gallon mixing container. Power mix the combined part A and part B with an explosion proof or air driven heavy-duty drill mixer until a consistent homogeneous color and consistency is achieved. No color streaking should be visible. Mixing should be performed for several minutes to ensure proper blending of components. The three gallons of mixed liquid components should be split equally into an additional clean 5 gallon mixing container, ending up with 1.5 gallons in each 5 gallon container.
4. Add 1.5 gallons of fumed silica (TS-720) to each 5-gallon container and carefully mix and/or fold the fumed silica into the liquid materials. Care should be taken during mixing to mix at a slow speed to avoid making the fumed silica air borne. Mix the combined materials to a smooth, lump free consistency with an explosion proof or air driven heavy-duty drill mixer. Respirator use during mixing of the fumed silica is recommended to protect against any air borne particulates.
5. Slowly add three gallons of clean, dry play sand abrasive to each 5-gallon container and carefully mix with an explosion proof or air driven heavy-duty drill mixer. Mix the abrasive into the combined materials to a smooth, lump free consistency. Using a dry-wall mud paddle may incorporate the abrasive into the thickened liquid components more efficiently than using a standard Jiffy mixing blade.
6. Adding three gallons of fumed silica and six gallons of abrasive to the mortar mixture will yield approximately 6.75 gallons of mixed material between both containers.