INSTRUCTIONS

ARM359X
ARMORULTRA LOW VOC CLEAR 2-PART TOPCOAT

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PRODUCT STORAGE

Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degrees F. Keep from freezing

SURFACE PREPARATION

Surface preparation will vary according to the type of complete system to be applied. For a one or two coat thin build system over concrete, (3-10 mils dry) we recommend either mechanical scarification or acid etching until a suitable profile is achieved. For a complete system build higher than 10 mils dry, we recommend a fine brush blast (shot blast). All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; this can be done by placing a 4' X 4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate is dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding. It is crucial that the epoxy basecoat is thoroughly sanded until the surface is de-glossed and appropriately and thoroughly scratched. It is recommended that a minimum 80 grit paper be used.

PRODUCT MIXING

This product has three components. The part A should be mixed with the part B thoroughly and then the part C should be added and mixed in well to insure a uniform mixture. The kits come prepackaged and should be used in their entirety and should not be broken down. If a color pack is used, it is recommended that the color pack be combined with the part A and part B prior to adding the part C aggregate and then mixed well. After the three (or four, if color packs are used) parts are combined, mix extremely well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the coating. Improper mixing may result in product failure. Once the material is opened, it cannot be re-sealed for later use.

PRODUCT APPLICATION

Pour the mixed material into the application tray. Apply at the rate of 600 square feet per gallon in a uniform manner with a 3/8" nap roller. For uniform appearance, it is critical that the material is not applied thicker than this application rate. Dip the roller in the coating and roll out excess material in the roller tray prior to the actual application to the substrate. Overlap subsequent passes being sure no excess material is applied when overlapping. Make sure the floor has just enough material to cover evenly in a thin application. Finally, re-roll the area in the opposite direction of the first pass applications to level and even the application. The final re-rolling for the entire floor should be in the same direction. Remix the material in the application tray to maintain a uniform mix throughout the application process. If the appearance is not satisfactory, re-roll until the area is uniform in appearance. It is almost impossible to over-roll this material. The last step in the application process (wearing spiked shoes) is to pull the roller tool across the entire slab in one direction without applying any pressure and repeating this process by overlapping until the entire slab has been re-rolled. This will help blend in any roller and overlap marks. Maintain temperatures and humidity within the recommended ranges during the application and during the curing process. Make sure the substrate has a suitable epoxy primer that has been de-glossed (see surface preparation above) It is best to maintain a wet edge to avoid roller marks. Direct sunlight or high temperatures may cause visible roller marking during application. Too thick of an application may result in solvent entrapment and product failure. The Surface must be dry before the application of this product.

TOPCOATING AND RECOATING

Multiple coats of this product are not recommended without thoroughly evaluating the adhesion in conjunction with a thorough deglossing. If you opt to apply multiple coats of this product, a test area must be applied to test adhesion before attempting to apply multiple coats over the entire job. If you opt to recoat this product, you must first be sure that all of the solvents have evaporated from the coating during the curing process and properly de-gloss and roughen the surface (see surface preparation above). The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating or topcoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. Always remember that colder temperatures will require more cure time for the product. Before recoating or topcoating, check the coating to insure no contaminants exist. If contaminants are present on a previous coat, remove with a standard detergent cleaner and allow to thoroughly dry. Although not recommended, when recoating this product with subsequent coats, it is advisable to apply the recoat before 24-48 hours pass only after proper surface preparation and adhesion testing has been completed.

CLEANUP

Use ketone solvents or other suitable cleaning solvent.

FLOOR CLEANING

Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

RESTRICTIONS

Restrict the use of the floor to light traffic, non-harsh chemicals and water until the coating is fully cured.. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.