Basic Preparation, Mix, and Application Instructions For UCF-30.

This is a basic guide. These instructions are intended to provide the applicator with basic instructions on how to prepare a concrete surface for UCF-30, the proper mixing technique, and the best method of applying UCF-30. Since nearly 80% of all coating failures are attributable to inadequate surface preparation, always follow best practices for proper surface preparation. Consult your local dealer if you have any questions.

Prior to Coating:

New concrete. Allow new concrete to cure for at least 30 days at 75°F.

pH: Should be between 6 and 9.

Moisture: Never apply over wet concrete. Reference ASTM-D4263. Test concrete for possible moisture problems by taping an 18" x 18" plastic film to the concrete and observing it for 20 hours. If condensation is observed, moisture is present and the source must be identified and contained before proceeding.

Preparation:

Adequate surface preparation is the key to any successful coating application. The surface must be dry and in sound condition. Loose materials and contaminants such as dirt, mildew, grease, oil, tar, glaze, laitance, efflorescence, loose mortar, and cement must be removed. Patch cracks over 1/8" using commonly available patching materials. Any product used in removing the above materials or repairing and preparing the surface for coating must be compatible with this acrylic water-based product.

Cleaning: Remove loose materials and contaminants using broom, vacuum, blast, water, or steam cleaning methods as outlined in ASTM-D4258.

Previously Coated or Painted Surfaces: Using one of the cleaning methods stated above, thoroughly clean the coated surface, removing any loose paint or coating. Any material remaining must be tightly bonded to the concrete. If the surface is glossy, either sand it or use an abrasive cleaner to etch and dull the surface to create a mechanical profile. If necessary, prime using a compatible product. Reference ASTM D3359 for adequate adhesion testing.

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Mixing:

Do not activate this kit until you are on site and ready to apply this coating.

Follow these easy steps:

1. There are two poly bags in this kit. One contains a wet resin mix, the other a dry organic chemistry. Carefully remove both bags from this kit and set aside.
2. Empty the wet resin poly bag into the pail.
3. Add ½ gallon of exterior acrylic latex paint to the pail.
4. Using a drill mixer, mix the resin and paint thoroughly.
5. Add the dry organics to the pail and mix until the components have combined to form a smooth, viscous, batter-like material.

This kit is now activated and ready for use.

Application:

Apply coatings when temperatures are between 40°-90°F. Never apply onto a wet surface, in foggy conditions, or when rain is expected.
UCF-30 can be rolled, brushed, or sprayed.
The base coat should be made fairly liberal, filling small cracks and imperfections in the surface. Small pinholes may be noticed during the drying of the basecoat and is a sign of vapor evacuating. On warm, sunlit days, this coating will dry within minutes and the topcoat can be applied immediately onto the dry basecoat.
Open for foot traffic only after the topcoat has been allowed to completely dry and cure for two hours.
Heavy nap (3/4") roller: Easily fills cracks and imperfections.
Sponge roller: Causes aggregate package to migrate to the surface of the coating, creating a sandpaper-like surface..

Clean Up:

Clean tools with water. Dispose of unused material according to state and local regulations for the proper disposal of water-based paint.