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PI.300 – PRODUCT INFORMATION: Pre-Mixed Overlay System

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The Pre-Mixed Overlay Systems trademarked as TEXTURE-PAVE™, THIN-FINISH™ and MICRO-FINISH™ Overlays are engineered to be the highest performing, most consistent and easiest to use overlay systems available today. Just add water technology. Even the color is included. Decreased labor due to minimal mixing time. The most efficient overlay system available.

Imagine, once the surface is properly cleaned and prepared, simply add amount of water to the Pre-Mixed Overlay Material and install, eliminating that need for locating silica sands, cements and colorants.

TEXTURE-PAVE™ is engineered and designed to be a ¼" thin stamped overlay coat or an even thicker regrade and patching mix for overlaying concrete surfaces.

THIN-FINISH™ is engineered and designed to be a resurfacing base coat, skim coat, bond coat, broom finish, slate coat, splatter texture coat or knockdown coat for overlaying concrete surfaces.

MICRO-FINISH™ is engineered and designed to add a "steel troweled" finish to overlay systems for creating very smooth flooring applications.

Each system consists of a redispersible (powdered) version of our CPR 1000 polymer emulsion, various graded quartz aggregates, white portland cement and various color pigments and additives to increase and ensure product performance.

The premise behind the Pre-Mixed Overlay Systems is to better regulate performance characteristics by exactly controlling the product composition and therefore making the overlay systems easier to specify and certainly more attractive to specifiers, engineers and architects. However, the result of our engineering and purpose has by default made the installation of Skim Coats, Base Coats, Bond Coats, Broom Finishes, Splatter Textures, Knock Downs, Thin Stamped Overlays and Thin Stained Overlay Flooring immensely easier for anyone to install, taking all guess work, exact measuring, hunting for raw good and worrying about freezing materials out of the equation.

If you've worked with overlays in the past, you have had to handle a liquid modifier of sorts and either a bag mix containing only sand and cement or even had to hunt for your own sand and cement. Then you have had to measure each individual material precisely to ensure proper consistency and workability. Not any more. Simply add the recommended amount of water listed on the bag, mix and install. That's it.

For some contractors more familiar with dry polymers, you may be questioning about the cured water resistance. After all, the problem with dry polymers used in creating overlays has always been a lack of water resistance resulting in re-emulsification of the overlay. Not to worry. With our years of experience in manufacturing polymers and other related products, we have created the highest levels of hydrophobic redispersible polymers (in laymen's terms; water resistance dry polymers). Anyone that has used our liquid version of CPR 1000 emulsion can tell you that our polymers have the highest levels of abrasion resistance, water resistance, compressive and tensile strengths and overall performance.

The advantages are many:
"JUST ADD WATER" The Easiest Overlay System the Industry has Ever Seen - No more guess work about sand sizes, cement type, polymer solids, dilution of polymer and type of polymer

Exact and Consistent Product Performance Every Time – The negative aspect of overlays has always been the variance of product performance due to the fact that contractors had to carefully control and monitor the exact type and volume of nearly all of the materials. This made specifying and overall confidence in overlays difficult for architects and engineers. Now a specifier can be confident the performance of the overlay will be consistent and perform long term.

Decrease Your Time and Labor – Seems that contractors are always concerned with "material cost" and they should be. But the experienced contractors will agree that labor is much more of a deciding factor on profitability than material cost. By eliminating the hunt for sand and cement and eliminating the need to accurately measure several different components, much time is saved and therefore much profit has been gained.

Handling – From the beginning we took all contractor concerns into consideration and an overwhelming amount of contractors complained about handling 100 pounds bags of sand and cement. Therefore we decided to package our pre-mixed systems in easy to handle 55 pound bags.

Storage – Unlike the liquid polymer products, the pre-mix systems will not freeze. Therefore storage areas do not need to be heated.

Additional information is available in the Elite Crete Systems Product Information PI.301 TEXTURE-PAVE™, PI.302 THIN-FINISH™ and PI.303 MICRO-FINISH™.