

PI.039 - QUICK NOTES: Using Pre-Mixed Polymer Modified Mixes

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The following guide is designed to assist the experienced installer with the application of TEXTURE-PAVE™, THIN-FINISH™ or MICRO-FINISH™ Pre-Mixed Polymer Modified Mixes.

Before the application of TEXTURE-PAVE™, THIN-FINISH™ or MICRO-FINISH™ Pre-Mixed Polymer Modified Mixes, please read and understand the Product Information Sheets, Technical Data Sheets and Material Safety Data Sheets pertaining to all of the products to be used. Improper preparation, application or understanding of other important variables may result in job failure and/or personal injury.

Description	<p>A “just add water” polymer modified cementitious material. The easiest systems available. The only effort needed by the installer is to add water and mix. These two products make up the “pre-mixed systems” often referred to in various product information documents.</p> <p>Designed and engineered to control and regulate product performance and consistency in the application of overlays, coatings, repair mortars and precast materials. Eliminates that need for sourcing silica sands and cement.</p>
Designed for	<p>THIN-FINISH™ Pre-Mixed Polymer Modified Mix:</p> <ul style="list-style-type: none"> • Skim, Base & Broom coating for restoring surface deteriorated concrete back to new without conventional removal. • Splatter & Knockdown textures for decorative and non-skid finishes. • Slate Trowel Down Finishes. • Vertical scratch coat or “venetian stucco” finish when mixed with MICRO-FINISH™. • “Gel” coat for GRFC countertops <p>TEXTURE-PAVE™ Pre-Mixed Polymer Modified Mix:</p> <ul style="list-style-type: none"> • Thin Stamped Overlay (1/4” to 3/8”) for creating architectural concrete and flooring. • Thin Stained Overlay for interior flooring. • Fill & Patching material for concrete restoration. • “Pack” coat for GRFC countertops. <p>MICRO-FINISH™ Pre-Mixed Polymer Modified Mix:</p> <ul style="list-style-type: none"> • For creating an ultra smooth finish on structurally sound concrete surfaces. • Must be applied to 1 to 2 coats of THIN-FINISH™. • Vertical “venetian stucco” finish when mixed with THIN-FINISH™.
Preparation	<ul style="list-style-type: none"> • Pre-Mixed Polymer Modified Mixes are not intended for use on unstable substrates such as wood, gypsum based cement, most underlayment products, lightweight concrete and other floor coverings such as tile, laminate, etc. • Proper preparation may consist of pressure washing, grinding, scarifying, scabbling or shot blasting. • Substrate must be clean and free of anything that will interfere with bonding. This includes but is not limited to loose concrete, laitence, dirt, oil, food products, dust, paint, curing compounds, adhesives, sealers of any type and more. • Only structurally sound concrete substrates are suitable for application. • Do not use Polymer Modified Mixes on concrete surfaces with a high vapor transmission rate or concrete which is not fully cured a minimum of 28 days. • Do not acid etch, only acid bathe with immediate neutralization. • Non-porous floors such as hard trowel finished may require mechanical preparation.
Advantages	<ul style="list-style-type: none"> • Greatly increased product performance. • “Just add water” material. • Decreased labor due to minimal mixing time. • Can be easily colored with Portion Control Colorants to achieve 30 colors. • Easily specified due to product consistency.
Disadvantages	<ul style="list-style-type: none"> • Slightly higher square foot cost for 1/4” thin stamped applications but quickly made up on labor and time savings. • Material must be mixed for two full minutes and allowed to “false set” for five minutes and re-mixed prior to use.
Packaging	<ul style="list-style-type: none"> • THIN-FINISH™ and TEXTURE-PAVE™ in 55 lb. bags • MICRO-FINISH™ in 30 lbs. bags.
Cost	<p>THIN-FINISH™ Polymer Modified Mix - \$0.10 to \$0.24 per sq. ft. TEXTURE-PAVE™ Polymer Modified Mix - \$1.18 to \$1.29 per sq. ft. @ 1/4” MICRO-FINISH™ Polymer Modified Mix - \$0.10 to \$0.19 per sq. ft.</p>
Notes	<ul style="list-style-type: none"> • Although the pre-mixed systems make the application very simple, the primary intention is to make the specification of systems easier for architects. • Mixing time is decreased immensely, increasing efficiency and profit.