

PRODUCT NAME: Flex Deck Concrete "DeckMix"

DESCRIPTION: DeckMix is a Portland cement based Mortar designed to be mixed with a high solids acrylic admixture in the field as an economical method to enhance the appearance of any concrete surface. DeckMix is mixed with a commercial quality water-based acrylic polymer to produce a tough, durable finish, which will accept Flex Bon Paint #680 Series Satin 100% Acrylic Latex Concrete Stain, #670 Series Satin 100% Acrylic Latex Floor Paint and most commercially available color stains and sealers.

USES: DeckMix mixed with the acrylic polymer can be sprayed and knocked down to provide a textured finish, trowel applied over stencils or carved to give the deck a stone, tile and brick look. DeckMix is used over properly prepared concrete decks, driveways, patios, and sidewalks.

LIMITATIONS/CAUTIONS: DO NOT APPLY WHEN THE TEMPERATURE, MATERIALS OR SUBSTRATES ARE BELOW 55°F BEFORE AND FOR 48 HOURS AFTER INSTALLATION. DO NOT APPLY IN HOT, WINDY OR RAINY CONDITIONS; USE SUNSCREENS. DO NOT USE FOR INSTALLATIONS REQUIRING ACID AND INDUSTRIAL CHEMICAL RESISTANCE. DECKMIX CAN ALSO BE MIXED WITH STANDARD UNIVERSAL COLORANTS. DECKMIX MUST ALWAYS BE MIXED WITH A WATER-BASED ACRYLIC POLYMER ADMIX. KEEP OUT OF THE REACH OF CHILDREN.

PREPARATORY WORK: All surfaces must be structurally sound and free of grease, oil, dirt, mildew, dust, wax, curing compounds, paints, sealers, efflorescence and any loose material. Cleaning may be accomplished via mechanical sanding, scraping or chipping. If surface is cleaned with muriatic acid, it must be thoroughly flushed and neutralized with a solution of baking soda and water. Smooth steel troweled concrete must be roughened to insure a good bond. Re-level or patch small areas up to 1/4-inch thick using DeckMix mixed to a heavy paste consistency, if necessary. Structural cracks and cracks due to continuing movement of substrate may telegraph through the DeckMix. Expansion Joints: Do not fill existing expansion and control joints with DeckMix.

MIXING: First pour approximately six quarts of acrylic polymer solution to a clean pail. Next slowly pour 50 lbs. of DeckMix powder. Add the powder slowly while stirring to avoid lumps. Faster mixing can be achieved by using a drill and paddle mixer. Mix until lump free, about 3-4 minutes. Let stand for 2-3 minutes, and then remix. Add universal colorant at this time, if an internal color is desired. Add the same amount of colorant for each batch to assure uniformity.

APPLICATION: Most decks are extremely dry and porous; therefore dampen the deck with water first by brushing, rolling, or spraying clean water. Do not allow standing water. Spray applications can be achieved using airless spray equipment or hopper guns. Spray the deck uniformly and knock down the high spots to achieve desired textured finish. DeckMix can also be spray or trowel applied over stencils, which are commercially available in brick, tile and stone patterns. After the DeckMix has dried, a concrete grade sealer/color coat can be applied following the manufacturer's recommendations.

(Continued)

PRODUCT NAME: Flex Deck Concrete "DeckMix" (Continued)

PROPERTIES:

WHITE POWDER:	50 pounds consisting of Portland cement, specially graded silica and mineral fillers.
COVERAGE:	200 sq. ft. @ 1/16 in Note: Coverage will vary depending on smoothness of substrate and texture of finish desired.
STORAGE LIFE:	One year, if kept in dry sealed bag.
*DRY TIME:	@ 72°F, applied in thin film: 2 hours
*COMPRESSIVE STRENGTH ASTM C-109, 28 Day:	>3500 p.s.i.
*FLEXURAL STRENGTH ASTM C348, 28 Day:	700 p.s.i.
*TENSILE STRENGTH ASTM D190, 28 Day:	350 p.s.i.

* When mixed with acrylic admix.

Safety-CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Used NIOSH approved mask for silica dust. Contains Portland cement. If any cement or cement mixtures get into eye, flush immediately and repeatedly with water, and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

This information is intended for selecting products or systems for various applications. The applicator should obtain more detailed information from the product label. Flex Bon representatives are also available for consultation.