

## KALMATRON® KF-E ~ COAT ~ APPLICATION INSTRUCTIONS

■ **KF-E-coat** is a coating for concrete, masonry and stucco surfaces. **KF-E-coat** adds beautiful, permanent color for visual appeal and increases compressive strength, impermeability to liquids and corrosion resistance. No cracks, non-fading colors.

### ■ SURFACE PREPARATION

Surfaces to be painted must be clean. Remove any contamination by pressure washing. Apply on dry or wet surface.

### ■ KF-E-coat PREPARATION

Mix the **KF-E-coat** powder thoroughly before use in a drum mixer (above 30 RPM) or in a high speed blender for 10-15 minutes. This will re-homogenize the mix, as the contents can settle or segregate during transportation and handling.

If pigment\* is used, add iron oxide based pigment at this stage and mix for 20 minutes. Begin with the lowest dose of pigment, at about 1/3 or less from the standard dose recommended by the pigment manufacturer.

To check for mix consistency: take 50 grams of powder from the center of the batch and mix it with 15 grams of water thoroughly. Apply with a brush onto plywood. If pale strips appear, mix again.

### ■ APPLICATION

Take **4** equal parts of **KF-E-coat** and mix with **1 2/3** parts of water by volume. Mix thoroughly with a trowel, synthetic brush or electric drill mixer, until the mix consistency is like that of oil paint. Don't add more water!

Stir product thoroughly before and during use. Apply with a quality synthetic brush or roller by the technology of oil paint. Apply onto dry or wet surface.

### ■ COVERAGE

Varies based on pigment type and surface porosity and texture. Regular coverage is 0.9 kg/m<sup>2</sup> to 5 kg/m<sup>2</sup>

### ■ DRYING

Dries to touch in 3 to 5 hours. Spray lightly with water 6-8 hours after application.

### ■ SAFETY

Operation with **KF-E-coat** is similar to finishing jobs. Always use an approved respirator and rubber gloves. In case **KF-E-coat** is inhaled or gets in contact with the eyes, rinse and wash abundantly with water **KF-E-coat** is non-toxic, not flammable, and non-explosive.

\*For best results, apply **iron oxide based pigments** at the standard dose by weight of the cement, as recommended by the pigment manufacturer. Iron oxide based pigments work optimally with **KF-E-coat** and colors will remain bright and vibrant.