

# Expo Supercoat T-20 & T-30



## **DESCRIPTION:**

Supercoat T-20 & T-30 are premium quality, polymer enriched, Portland cement formulations for EPS foam shape applications.

## **USE:**

Designed primarily for use in such applications as priming, adhering and finish coating foam shapes used in architectural exterior decorative trim (i.e., pop-outs, plant-ons, cornices, reveals, etc.).

## **COVERAGE:**

One 50 lb sack of Supercoat T-20 or T-30 will cover approximately 50 to 60 square feet depending on application procedures. This includes both priming and adhering.

## **COMPOSITION:**

Supercoat T-20 & T-30 are proprietary formulations combining the maximum allowable amount of state-of-the-art wet-bond co-polymers, Portland cements, sized aggregate, and specific additives.

## **ADVANTAGES:**

Maximum strength for priming and adhering EPS architectural foam shapes.

Excellent base coat for Expo Stucco Color-coat.

All ingredients in the bag, just add water when mixing.

Easy to mix, simple to use.

Excellent workability.

Available in #20 or #30 silica sand.

## **SHELF LIFE:**

Six (6) months if kept in dry storage.

## **JOB PROCEDURE**

### **MIXING:**

1. Place material in mechanical mixing device and start mixer at lowest speed. Add about two-thirds of recommended water. Mix for about 1-2 minutes, until thoroughly wet.
2. With mixer on, add remaining water until the consistency is acceptable. Mix for three minutes.
3. Stop the mixer and wait five minutes. Mix again for about one minute to blend the initial set.
4. The mixed Supercoat should have sufficient body to take up any minor irregularities in the surface of the substrate and provide physical support for EPS shapes.

## **APPLICATION**

### **EPS to Base Coat:**

1. Supercoat should be mixed to a heavy-bodied, paste-like consistency.
2. Cover both the surfaces of the shape and the base coat completely where shape will join base coat.
3. Press shape into position on the base coat. Generally, the adhesion of the thick Supercoat will be sufficient to hold the shape in place. On larger shapes it maybe necessary to place the shape over nails previously imbedded head first in the wet base coat in order to eliminate slippage until adhesive has set.
4. Mix additional Supercoat to a more flowable consistency (suitable for brush application) and apply to shape at all joints with the base coat and contiguous shapes. It is recommended that 2-inch fiber glass mesh be used over joints.
5. Supercoat must be applied to all butt joints. For best results, tape all joints.

### **Note:**

Cautions should be taken to insure that the receiving surface is structurally sound, clean, and free of dust, dirt, silicones, efflorescence or other contaminants that could affect the bond. Prior to application over base coat, moisture should be applied to the substrate to control the suction.

### **EPS to EPS:**

1. Foam-to-foam applications are generally made in "One-Coat" stucco applications; such as the Expo fiber reinforced FIBREWALL Stucco System.
2. Follow the same procedures outlined above except that installation of the EPS shape may be done before the application of the one-coat brown coat.

### **CURING:**

Wait a minimum of 24 hours before further work on the surface of bonded components in order to avoid any movement that would weaken the bond between the components. In hot, dry weather, Supercoat should be moist-cured after 24 hours.

### **MATERIAL STANDARDS:**

Portland cement: Type 1 A.S.T.M. Designation C150-56, Federal Specification SS-C-192-B.