



## **STUCCO SHIELD**

Thermo-Shield® Stucco Shield is a water base protective coating that can be applied in place of paint, and as an alternative to the conventional and often costly three and more part stucco systems. This unique wall coating can be applied quickly, is much less labor intensive and provides an effective and durable thermal barrier. The base and finish coats incorporate hollow borosilicate ceramic micro spheres. These micro spheres reflect, refract and dissipate heat away from the coated surface. The formula also incorporates a 100% acrylic polymer resin that allows the transmission of water vapor to escape, thus reducing moisture build-up in the wall assembly. This flexible stucco coating bridges hairline cracks and prevents the development of new ones.

### **COMPONENTS**

Pre-mixed base coat and pre-mixed finish coat.

### **USES**

Stucco Shield is designed for interior and exterior wall surfaces as a flexible wall coating. It can be applied over drywall, wood, steel, reinforced insulation board, brick, concrete block, concrete and over existing stucco. It is designed to go on ready-to-paint surfaces that meet local standards and building codes.

### **DRYING TIME**

Base Coat, one hour to set and 12 hours to re-coat. Finish Coat, 40 to 70 hours to cure at 24 Deg C (75 Deg F) and 50% relative humidity.

### **COLORS AVAILABLE**

Many colors to choose from.

### **CONTAINER SIZE**

Available in five-gallon containers.

### **SHELF LIFE**

Two years. Store in room temperatures between 10 and 32 Deg C (50 and 89 Deg F).

### **CLEAN UP**

Clean tools and equipment with soap and warm water; rinse with clean water.

### **LIMITATIONS**

Do not apply Stucco Shield when freezing temperatures are expected within 48 hours or when rain is predicted. Ambient temperature should be 10 Deg C (50 Deg F) or above for at least 24 hours; water-based coatings depend on evaporation to cure so avoid application in damp or cold conditions. There must be good drying time of at least two hours before dew point.





### **APPLICATION PROCEDURES**

Apply a coat of Stucco Shield base primer coat to the entire substrate. Prepare corners and joints with recommended corner bead, mesh and Stucco Shield Finish Coat. Allow drying and then apply a coat of Finish Coat to the entire structure (see application manual for more detailed information).

### **APPLICATION**

Stucco Shield has a spray or roll-on viscosity. Commercial sprayers with texture guns can be used to apply this coating. Various textures may be achieved, from a very fine sand finish to a heavy plaster coat (see manufacturer's specifications for each individual sprayer).

### **BASE COAT**

Roller or airless spray application is recommended. Use a roller with a nap of 19mm or airless spray unit with the following qualifications,  
Tip orifice / .031 to .039 inch  
Pressure / 2200 to 2500 psi

### **WARRANTY**

10 years

### **PRODUCT CODE**

BASE COAT: 5974 - FINISH COAT: 5973

#### **EXCLUSIVE REMEDY**

*The sole remedy for goods not in conformance with any warranty is replacement of the product or return of the purchase price. SPM Thermo-Shield® shall not be liable for any other damages, including, but not limited to labor expenses.*

