



## THERMO-SHIELD STUCCO BASE & STUCCO FINISH COAT

Thermo-Shield Stucco water based coatings 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 applies quickly, is much less labor intensive and provides an effective and durable thermal barrier. The insulating hollow micro spheres incorporated in the finish and base coat formulas are reluctant to conducting heat, and refract as well as dissipate heat away from the coated surface. The formulas also incorporates 100% acrylic polymer resins that allows the transmission of water vapor to escape thus reducing moisture build-up in the wall assembly.

**COMPONENTS:** Pre-mixed base coat and pre-mixed finish coat.

**USES:** Thermo-Shield Stucco Base and Finish Coatings are designed for Interior and Exterior wall surfaces as a flexible wall coating. They 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. (one gallon cans can be purchased, however, higher price rates do apply)

**SHELF LIFE:** Two years. Store in room temperature between 10 and 32 deg. C. DO NOT FREEZE

**CLEAN UP:** Clean tools and equipment with soap and warm water and rinse with clean water.

**LIMITATIONS:** Do not apply Thermo-Shield Stucco Base or Finish Coats when freezing temperatures are expected within 48 hours or when rain is predicted. Ambient temperature should be 10 deg. C 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 Thermo-Shield Stucco Base Coat to the entire substrate. Prepare corners and joints with recommended corner bead, mesh and Thermo-Shield Stucco Finish Coat. Allow drying and then apply a coat of Finish Coat the entire structure (see application manual for more detailed information).



**APPLICATION:** Thermo-Shield Stucco Finish Coat 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). Recommended application of Thermo-Shield Stucco Base Coat is via roller or airless sprayer. Use a roller with a nap of 19mm or airless spray unit with the following qualifications: Tip Orifice/ .031 to .039 – Pressure / 2200 to 2500 psi