



## The SureCoat Wall System - StrucSureCoat

### APPLICATION GUIDE

The following application procedure guidelines have been prepared to assure that the applicator understands the minimum manufacturer's specifications for the application of *The SureCoat Wall System* using the *StrucSureCoat* product. Please follow the installation process outlined below in ensure optimal results.

#### **I. INSPECTION PROCESS – LOCATE & IDENTIFY**

- a. All chipped, flaking or cracked surfaces
- b. Dry rot, termite damaged, loose or deteriorated materials
- c. Any efflorescence

#### **II. TRENCHING PROCESS**

- a. Excavate trench at wall base minimum of 6 inches below finish grade to apply materials and protect foundation.

#### **III. WATER BLASTING**

- a. Thoroughly clean all surfaces to be coated – stucco, block, brick and wood surfaces.
- b. Provide clean surface to assure adherence of *StrucSureCoat*.
- c. Identify and assess all defective and damaged areas requiring additional preparation or repair.

#### **IV. SUBSTRATE REPAIR**

- a. All small cracks in stucco surfaces (hairline to 1/8") must be filled with the *StrucSureCoat* product.
  - i. Application can be performed by using a small foam roller on the cracked location and must be left to dry before proceeding.
- b. All large cracks (larger than 1/8") in the stucco surfaces must be repaired according to industry standards with acceptable products such as Rapid-Set, or customized stucco patch, etc.
- c. All wood repairs must be made with a high quality, exterior grade wood filler such as Elmer's Exterior Wood Filler or equal.
- d. All repaired surfaces must be allowed to dry/cure sufficiently according to the product manufacturer's specifications (minimum of 24 hours).
- e. All repaired areas must be primed with the *StrucSureCoat* product prior to the finish coat application.
- f. Raw wood or stained surfaces should be primed with a stain blocking primer such as "Kilz" or equal.
- g. Bottom 3' around perimeter of building should be densified with SS-1007 penetrating moisture vapor barrier prior to StrucSureCoat application.
  - i. Existing coating/paint must be removed for SS-1007 to penetrate stucco.



## V. MASKING PROCESS

- a. Mask and cover all windows, doors and other surface areas to prevent over spray and separate areas of color change.
- b. Apply drop cloths to cover all adjacent bushes, grass, concrete and asphalt areas to prevent over spray.
- c. *SureCoat Systems* suggests that the applicator use a high quality clean release painters masking tape such as blue tape.

## VI. APPLICATION PROCEDURES

- a. **Note: DO NOT THIN *StrucSureCoat* AS THIS WILL AFFECT THE INTEGRITY OF THE COATING MATERIAL**
- b. *StrucSureCoat* must be fully mixed or stirred prior to application to assure color consistency – mechanical mixing is recommended.
- c. The tinting process of the *StrucSureCoat* is done with laboratory specific scales and precise measurements. However, due to various lots and batches of raw materials used to manufacture the base material, there may be a slight shade variation, so it is **always recommended to box all pails** of the *StrucSureCoat* material to insure absolute uniform color throughout the application process.
- d. *StrucSureCoat* must be applied to a clean, dry surface.
  - i. Wait a minimum of 48 hours after power washing before applying *StrucSureCoat*.
  - ii. When *StrucSureCoat* is applied over a sand finish application should be performed using an airless sprayer and back rolled to ensure uniform pinhole free coverage and a waterproof surface.
  - iii. Use a tip size of between .25 and .45; depending on the airless equipment's capability.
  - iv. The minimum application rate over a **smooth wood, concrete or stucco surface must be at least 2 gallons per 100 S.F. for a total of 20 mils DFT and completely free of pinholes.**
  - v. When applying *StrucSureCoat* to heavy lace stucco finished surfaces it can be applied with a heavy nap roller (1/2" or greater) or sprayed and back rolled to ensure uniform pinhole free coverage and a waterproof surface. The minimum application coverage rate over a **heavy lace finish must be at least 2-2.5 gallons per 100 S.F. for a total of 20-25 mils DFT and completely free of pinholes.**
  - vi. *SureTek* or *SureSand* textured coating can be applied with a simple hopper gun system, a light duty dry wall or stucco pump or a GRACO President 10:1 pump or equal at a **minimum application rate of 2.5 gallons per 100 S.F. for a total of 25 mils DFT and completely free of pinholes.**
  - vii. When applying *StrucSureCoat* on a **wood substrate** it can be applied with a medium nap roller, high quality paintbrush or airless sprayer (as described above in section d) at a **minimum application rate of 2 gallons per 100 S.F. for a total of 20 mils DFT and completely free of pinholes.**



- h. It is not recommended to use *StrucSureCoat* on doors, windows, or gates that cannot cure completely prior to use. Consult you *SureCoat Systems'* representative for additional information.

## VII. JOB COMPLETION

- a. All surfaces must be checked to verify full and even coverage before removing the masking.
- b. If all surfaces have satisfactory coverage, remove the masking carefully, pulling at a sharp angle, to prevent damage to the edges of the newly coated adjacent surface material that have not cured or adhered completely and may be soft.
- c. Refill perimeter trenching after making sure that the material is dry.
- d. Reinstall any light fixtures, house numbering, or other hardware that was removed in the Preparation stage prior to the application of *StrucSureCoat*.
- e. Clean all over spray off buildings, bushes, grass etc.
- f. Collect and remove all project related debris or trash from the jobsite.
- g. It is recommended that an extra gallon or two be ordered with the original order for touch ups or repairs due to HVAC change outs, window changes, or other remodeling changes (see section VI above).