

# BRUSH ON ST

Foundation Insulation & ICF Coating



## PRODUCT DATA

For step by step installation guides and videos go to [www.styro.net](http://www.styro.net)



**Just Add Water - Brush-On Easy To Apply - Durable - Available as a Kit or Bulk Mix**

## DESCRIPTION

*Styro Brush On Coating Kit ST* is a highly polymer modified and fiber reinforced Portland Cement based coating designed to protect foam insulation.

*Styro Brush On Coating Kit ST* has superior bond, resilience, crack-resistance and durability compared to traditional cement coatings.

*Styro Brush On Coating Kit ST* is pre-blended and needs only to be mixed with water before application. Standard colors are natural white or gray. Pigments may be added to produce a limited number of colors.

## APPLICATION

While mixing, slowly pour the *ST* Powder into the 5-gallon pail containing one gallon of clean water. Add up to 1.5 quarts of additional water and continue to mix with a low speed mixer or until the product is creamy. Allow the mix to stand for about 5 minutes. If necessary, add a small amount of water to adjust workability. If the mix is too loose, add small amounts of the *ST* Powder while mixing to stiffen the mix. Final consistency should be a creamy light and easily brushable mixture.

The rigid insulation boards and reinforcing mesh are first mechanically fastened to the substrate with mechanical fasteners and / or *Blue Mastic Adhesive*. The foam must be etched lightly with a wire brush. Mesh all corners and joints.

Pre-treat the meshed corners and joint areas with the *ST Coating*. When the pre-treated areas begin to dry (turn a lighter color) use a brush or steel trowel and apply *Brush On Coating Kit ST* mix in a 1/16 to 1/8 inch thick butter coat over the face of the insulation board or ICF.

A second pass may be used to produce an optional texture once the first coat has taken initial set (about 20-30 minutes).

## TECHNICAL DATA

pH (wet mix) ..... Approx. 10  
Density (wet mix) ..... 11 lbs./gal.  
Polymer type ..... Spray Dried  
Fiber Reinforcement ..... Natural, Micro Fibers  
**Coverage** 80 square feet per 5-gallon pail.

## Handling and Storage

Do not apply to frosted or deteriorated insulation boards or ICF. Protect from precipitation for 12 hours. Do not apply if the temperature cannot be maintained above 40F for 24 hours. Shelf life in unopened pails is 24-36 months.

## Precautions

Do not ingest. Avoid contact with skin and eyes. In case of contact, flush with water. For contact with eyes, get immediate medical attention in addition to flushing. Avoid inhalation of dust of Portland Cement or silica sand. Wear safety glasses, dust filter mask and protective clothing. Keep out of reach of children and pets.

## F.A.Q.

**Q: Can Brush On ST be sprayed on?**

**A: Yes! With a Hopper Gun or small sprayer.**

**Q: Can You Apply Brush On ST to Other Surfaces besides Rigid Foam Insulation?**

**A: Yes! Brush On ST also bonds to brick, plywood, dry-wall, concrete and other surfaces.**

**Q: Will Brush On ST Hold Up to Normal Wear & Tear?**

**A: Yes. Brush On ST is designed to withstand chipping, flaking, cracking, and regular every day abuse.**

**Q: Can the Brush On ST Coating be repaired if damaged?**

**A: Yes. Damaged areas can be meshed if necessary and re-coated and re-textured.**

