

APPLYING TUFF II

Pre-Mixed Acrylic Trowel/Spray On Coating

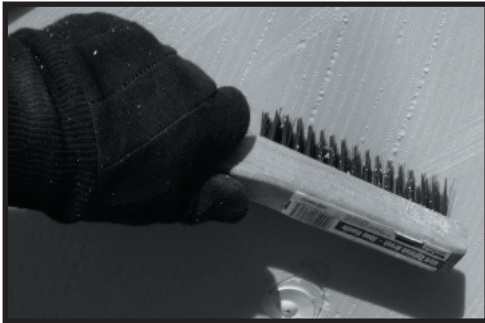


Applying TUFF II Over Rigid Foam & ICF

(Instructions for coating other surfaces on page 2)

IMPORTANT NOTE: Do Not Apply TUFF II Coating in direct sunlight and Do Not Apply unless the temperature can be maintained above 40 degrees for 24 hours. Stir well before using.

Make sure the surface is clean and dry.



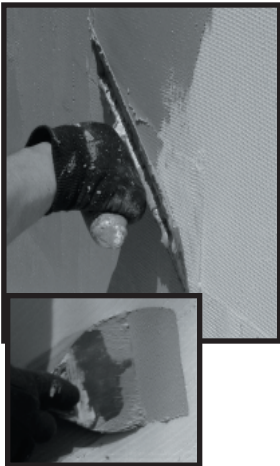
- First, take a wire brush and gently scratch the foam. You don't want to gouge the foam, just roughen up the surface to clean it, remove U.V. oxidation and open up the pores for ideal adhesion. This is an important step.

- You may want to apply masking tape to siding, window sills and other areas where you do not want the coating to be applied. Drop clothes also come in handy. The coating is easily removed with a damp cloth when wet, but once dry it can be more difficult.

- With the foam surface etched the next step is to apply Sticky Mesh HD to the entire surface.



Sticky Mesh HD is sold in rolls 150 feet long in 9.5", 19" and 38" widths. The Sticky Mesh adds strength to the wall and helps bridge seams and gaps. Overlap runs of mesh by two inches.



- Using a trowel, large putty knife or drywall blade, apply a thin skim coat of TUFF II to the entire area. You want this coat about 1/16" thick, so the mesh pattern is barely visible through the coating. Let this coat dry for at least two hours, until it can take light thumb pressure.

- Next apply the texture coat. Using a trowel, large putty knife, or a drywall blade apply another 1/16" coat to a five or six foot square area. If you desire a swirl or straight



brush texture, use a large nylon bristled brush kept moist in a pail of clean water. A knockdown texture can be achieved by stippling the TUFF II with a trowel and then knocking it down. Continue moving along the wall, applying the coating to an area and then quickly going



back to texture it before the coating begins to dry. Adding up to 12 ounces of water per 5 gallon pail of TUFF II will make it easier to work with while texturing. Remember to try to work to natural stops, like inside and

outside corners, this will help the textures appear more uniform.

- Allow the TUFF II to dry for 48 hours before backfilling against it. Once dry, a second coat can be applied over the first coat if desired. TUFF II can also be painted with any exterior grade acrylic paint.



Protects the foam & creates a richly colored, durable texture. Once done, seal the lid for later use. More On Page 2

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Installation Instructions (continued)

- Concrete, Brick, Masonry Block

First, wire brush or pressure wash the concrete to make sure it is clean, dry, and that any loose particles are removed. Cracks and divots should be pre-treated with TUFF II and left to dry. Cracks over 1/16" should be meshed and then pre-treated. Follow the same guidelines for application over rigid foam and ICF.

- Drywall

When coating drywall it is only necessary to mesh the seams and corners. Pre-treat meshed areas with a thin, 1/16" coat of TUFF II. Allow the TUFF II to dry at least 1-4 hours. Follow the same guidelines for application over rigid foam and ICF.

- General Product Info:

- Protect work from freezing and moisture for 24hrs.
- TUFF II dries and becomes weather resistant in about 24hrs. It cures completely in about 21 days.
- If desired in the future, TUFF II may be re-coated with another coat of TUFF II or painted with an exterior acrylic.
- Keep container closed and away from children and pets when not in use. Store container indoors in temps between 40F and 100F. Use gloves and safety glasses when handling this product. Wash with soap and water after contact. Avoid contact with eyes. If eye contact occurs flush with water and contact a physician immediately.

- Frequently Asked Questions

1) Is sticky mesh necessary when applying TUFF II?

A: When coating foam, it is necessary to use sticky mesh. When coating concrete or masonry block mesh is only necessary over areas with small cracks or divots. Over drywall Sticky Mesh is only necessary over seams and corners. It's best to pre-coat meshed areas, let dry, then top coat.

2) How is TUFF II textured?

A: TUFF II is easily textured with a brush or trowel. It is important to texture TUFF II when it is moist. When texturing with a brush keep the brush moist with clean water for best results.

3) How is TUFF II sprayed on?

A: To spray TUFF II use a hopper style spray gun. Up to 6 ounces of water can be added to each pail to make the coating spray evenly.

4) How thick should TUFF II be applied?

A: 1/16" is the ideal thickness. TUFF II can be built up to thicker amounts as long as it is never applied thicker than 1/16" per coat and each coat dries before applying another over it.

5) How do I repair damaged areas?

A: Simply remove loose coating with a wire brush and make sure the area is clean. Apply a section of sticky mesh to the area and patch it with TUFF II. If the area is deep it may require multiple coats.

6) Can TUFF II be painted?

A: Yes, any latex exterior grade paint can be used to paint TUFF II. TUFF II is available pre-tinted in a variety of special order colors.

7) Can TUFF II be applied over painted surfaces?

A: Yes, TUFF II can be applied over painted surfaces. Make sure surface is wire brushed, clean, and dry.

8) Can TUFF II be stored for later use?

A: Yes, simply pop the top back on the pail and TUFF II can be stored up to 36 months. Keep from freezing.

9) Are there any application limitations?

A: Yes, please do not apply TUFF II unless the temperature will remain above 40 degrees F for 24 hours. Please Do Not apply TUFF II in moist conditions or over damp surfaces. Do not apply in direct sunlight.

10) Is TUFF II safe for the environment?

A: Yes, TUFF II is water based and 100% acrylic. It will wash off if cleaned before it begins to dry. Be sure to rinse it off clothes and skin immediately. Read the MSDS for more details.

11) Is TUFF II Weed-Wacker Resistant?

A: Yes, TUFF II is extremely durable and it retains flexibility even when completely dry. This prevents chipping and flaking and enhances its ability to absorb impact damage.

14) Is TUFF II Water Proof?

A: TUFF II is Water Resistant. It is not to be used in place of traditional waterproofing.

15) Can TUFF II be used below grade?

A: Yes, but TUFF II is not designed to take the place of traditional water proofing membranes.

For additional information including installation videos visit www.styro.net

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