

Tips From Our Artists

Mix to the thickness that you need. As soon as it starts setting up you can smooth it with a trowel, or rough it up with a heavily bristled brush. You can create any texture you want on the surface. Try making stamps out of foam.

You can always add more of the wet or dry ingredients as you go to change the consistency, just make sure you stir it in well.

We've updated the formula, so now Smooth Coat sticks to itself without needing to mix it with Boost.

Adding less liquid will allow you to more easily texturize the surface. Likewise, adding more liquid will allow you to create a smoother surface. Tapping or vibrating the object you coat before it sets up re-liquefies the Foam Coat allowing it to fill in small blemishes like brush strokes.

You can make the surface super smooth or create a variety of textures as the Foam Coat sets up. Cover it with plastic wrap as you shape the surface. Try sanding it just before it hardens, instead of after.

Boost will make Smooth Coat stick like crazy to almost anything, even many nonporous surfaces.

A thin layer of Smooth Coat will protect your foam from the solvents in spray paint. Just make sure there is no foam showing.

Use Mesh, a lightweight woven fiber reinforcement, for superior Foam Coat strength. It's best to use a thinned down coating so it penetrates the Mesh. To get the ultimate strength and bond, add Boost when using Mesh.

Working with our Foam Coats and fortifiers is not a definitive science. There are many variables, including settling (which can make the powder more dense), hardness of the water you are using, temperatures of the ingredients, air temperature, and humidity. If you follow basic instructions, you will get fairly consistent results. If you keep track of your mixtures as you go it will make it easier to measure out the perfect ingredient ratios for future projects.

See our FAQs and videos on the Smooth Coat page at www.hwff.com

WARNING: Avoid prolonged contact with skin. Wear dust, skin and eye protection. Use approved respirator when mixing and sanding. In case of eye contact, flush immediately with water, consult a physician. Wash hands with soap and water after use and before eating. Keep out of reach of children.

California Proposition 65 Warning: This product contains crystalline silica, a chemical known to the State of California to cause cancer, birth defects, and reproductive harm. While mixing the dry ingredients use a dust mask or respirator with an RPE of 20 or 40. For more information, go to www.P65Warnings.ca.gov

WARRANTY: HWFF Inc./dba Hot Wire Foam Factory warrants this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The Hot Wire Foam Factory in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages. MSDS available.

Hot Wire Foam Factory

SMOOTH COAT



**Rock hard coating that
protects and beautifies your foam projects!**

- Adheres to polystyrene foams
- The smoothest of our powdered coatings
- Apply with paintbrush, trowel or hopper gun
- Paintable
- Easily smoothed or textured as it sets
- Fire-resistant & Weatherproof
- Can be used to create many decorative surface textures
- Soap and water clean-up
- Made in the USA

Read all instructions and cautions carefully.

www.HotWireFoamFactory.com

Introduction

There are many ways of using and applying Smooth Coat; it is more of an art than a science. Experiment with different surface effects on scraps of foam until you have created your own palette of surface textures.

Smooth Coat Mixing Formulas

(NOTE: Boost can be used in place of water)

Smooth Coat	Water or Boost
3 Parts (by volume)	1 Part
3 lbs	1 Cup/8 oz (Makes Slightly Dry Mix)
25 lbs	1/2 Gallon/64 oz (Makes Slightly Dry Mix)
50 lbs	1 Gallon/128 oz (Makes Slightly Dry Mix)

MIXING: Settling may occur in shipping causing a gritty texture that does not stick well. Remix if there is separation in dry mixture. Remove or break up any clumps. Use when temperatures are between 40°F (4°C) and 100°F (38°C). Mix in a clean container with clean water or Boost. Start with 1 part cool water or Boost per 3 parts powder (for example, 1 cup of liquid per 3 cups of powder). Add liquid to powder and mix until Smooth Coat turns to a smooth paste. Add more powder or liquid as needed for your application. A drier mix is stronger. You can add powdered or liquid water-based cement pigments by mixing in with the wet ingredients.

APPLYING: Fill big cracks and holes by applying pasty mixture with a trowel. If using extruded foam (I.E. Blueboard or Pinkboard) roughen surface with coarse sandpaper. Scoop or trowel the mixture onto the foam. Then, with a paint brush, stucco brush, or trowel evenly spread the mixture. For best strength apply at least 1/8" (3mm) thick. You can add more liquid ingredient if it starts setting up too soon. Multiple coats may be applied and no longer need to be mixed with Boost. Brushing on a thin first coat, called a scratch coat, will make the next coat much easier to apply. Try texturing surface as the coating sets.

CURE TIME: Working time of 10-20 minutes. Reaches full strength in 12-24 hours, depending on temperature and humidity.

FINISHING: This product goes on smooth and is difficult to sand once cured, so it's best to smooth or create the desired surface effects as it cures. Can be used outdoors. Remove dust before painting. Any kind of paint can be used.

CLEAN-UP: Clean tools and brushes with clean soapy water before coating hardens. If you add Boost, don't leave any residue as it will be impossible to clean after it dries.

Smooth Coat Coverage

Coverage does not increase when liquid ingredients are added to Foam Coat.

	3 lbs	25 lbs	50 lbs
1/64 Inch Thick	36 sq ft	288 sq ft	576 sq ft
1/32 Inch Thick	18 sq ft	144 sq ft	288 sq ft
1/16 Inch Thick	9 sq ft	72 sq ft	144 sq ft
1/8 Inch Thick	4.5 sq ft	36 sq ft	72 sq ft
1/4 Inch Thick	2.25 sq ft	18 sq ft	36 sq ft

Boost Fortifier Usage

Boost can be used instead of water in the same proportions. Refer to the chart on the previous page for mixing instructions.

Smooth Coat now Sticks to Itself!

We've updated the formula for Smooth Coat and now you can add multiple coatings without having to mix it with Boost!

NOTE: Smooth Coat is NOT compatible with Bounce.

Hot Wire
Foam Factory

WEBSITE TIPS AND GALLERY

The Hot Wire Foam Factory website is filled with tips and projects contributed by our foam artists and hobbyists from all over the world. Visit our extensive Artist Gallery and FAQs.

www.HotWireFoamFactory.com
216 East Laurel Ave, Lompoc, CA 93436

Scan to see foam projects made with our tools and products:

