

Tips From Our Artists

Heavy bristled paintbrushes work best, like a stucco brush. Light bristled brushes tend to not release the Foam Coat onto the foam. You can go back over the surface with a lighter brush once the Foam Coat is on the 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.

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 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 Foam Coat stick like crazy to almost anything, even many nonporous surfaces.

When using Foam Coat with Bounce, less Foam Coat results in a more rubber-like finish while more Foam Coat produces a harder plastic-like finish. Likewise, adding water to the Bounce creates a more plastic-like finish. Boost and Bounce cannot be mixed together, but they may be applied as separate layers, one on top of the other.

Can be used outdoors when sealed with any outdoor paint, or mixed with Bounce.

A thin layer of All Purpose Foam 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 the Foam Coat and the 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 All Purpose Foam 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

HOT WIRE FOAM FACTORY ALL PURPOSE FOAM COAT



Rock hard coating protects and beautifies your foam projects

- Adheres to polystyrene foams
- Apply with paintbrush, trowel or hopper gun
- Paintable
- Sandable
- Fire-resistant
- Many decorative surface textures can be created
- Soap and water clean-up
- Compatible with our Boost fortifier, Bounce rubberizer and Grit
- Made in USA

Read all instructions and cautions carefully.

www.HotWireFoamFactory.com

Introduction

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

All Purpose Foam Coat Mixing Formulas

All Purpose Foam Coat	Water
3 Parts (by volume)	1 Part
3 lbs	8 oz / 1 Cup (Makes Slightly Dry Mix)
25 lbs	1/2 Gallon (Makes Slightly Dry Mix)
50 lbs	1 Gallon (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. Use 1 part cool water per 3 parts of powder (for example, 1 cup of water per 3 cups of powder). Add water to powder and mix until Foam Coat turns to a smooth paste. Add more powder or water as needed for your application. A drier mix is stronger. If you add Boost or Bounce, a wet mix is stronger. Do not over mix, or separation can occur. You can add powdered or water based cement pigments while mixing in the wet ingredients.

APPLYING: Fill big cracks and holes by applying pasty mixture with a trowel. If using extruded foam (ie Blueboard or Pinkboard) roughen surface with coarse sandpaper. Apply with a paint brush, stucco brush, trowel or hopper gun. Use thinned mixture to texture large areas. For best strength apply at least 1/4" (6mm) thick. Multiple coats may be applied. Brushing or spraying 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. Add up to 50% latex paint to the water to extend drying time to 40-50 minutes.

FINISHING: Remove dust before painting. This product goes on smooth and can be sanded. Can be used outdoors if sealed with paint. Add Grit texturizer to create a rock-like surface effect.

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.

All Purpose Foam 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

Makes Foam Coat super strong, plus makes it stick to almost anything. Always dilute with at least 50% water. It's okay to use more water than Boost, but that will diminish Boost's strength.

1/2 Gallon Boost + 1/2 Gallon Water	50 lbs Foam Coat
1 Quart Boost + 1 Quart Water	25 lbs Foam Coat
4 oz Boost + 4 oz Water	3 lbs Foam Coat



Bounce Rubberizer Usage

Incredible Bouncing Boulders? Add small amounts of All Purpose Foam Coat to Bounce to create a flexible protective coating that is highly resistant to cracking.



For a super bouncy coating, add 1 part Foam Coat to 5 parts Bounce. For a super tough resilient coating, add up to 2 parts Foam Coat to 1 part Bounce.

Also, try diluting the Bounce with 1/3 to 2/3 water before adding in Foam Coat to get a less flexible, super smooth, chip-resistant surface.

Looks like smooth stone when dry. Try texturing the surface before coating sets. Can be smoothed while drying, but not sandable once dry. Bounce is compatible with Grit.

Do not use Bounce with Exterior Foam Coat or Create Coat.

Grit Usage

Adding up to 1/3 Grit adds strength and increases coverage of All Purpose Foam Coat. Liquid requirements will be slightly less when Grit is added.

All Purpose Foam Coat	Grit
2 Parts (by volume)	1 Part (by volume)



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