

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.

Apply a thin 'scratch coat' with a brush. Once it sets up the next coat will stick much more easily. Heavy brushes, like stucco brushes, work best for getting the foam coat onto the foam. It is also easily applied with a trowel. Flexible 1 gallon paint pour spouts work great as trowels for curved surfaces.

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 All Purpose 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 All Purpose stick like crazy to almost anything, even many nonporous surfaces.

When using All Purpose 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 All Purpose 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

ALL PURPOSE FOAM COAT



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

- Adheres to polystyrene foams
- Apply with paintbrush, trowel or hopper gun
- Paintable
- Easily smoothed or textured as it sets
- Fire-resistant
- Can create Many decorative surface textures
- Soap and water clean-up
- Compatible with our Boost fortifier and Bounce rubberizer
- 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 or Boost
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 (I.E. Blueboard or Pinkboard) roughen surface with coarse sandpaper. Apply with a paint brush, stucco brush, trowel or hopper gun. Test various thicknesses to determine the strength you need. 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. Best to texture or smooth the 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.

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

Boost can be used instead of water in the same proportions. Refer to the chart on the previous page for mixing instructions. A MUST for multiple coats of Create Coat. Makes Create Coat super strong, plus makes it stick to almost anything.



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 resilient rubbery coating, add 1 part Foam Coat to 3 parts Bounce. This works great when you need a thin tough coating that retains details carved into your foam.

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

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

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



Check out our full line of
Foam Coating products:



www.HotWireFoamFactory.com