



**DO THE JOB RIGHT.**

Part #15632

# **HEAT & SOUND BARRIER COATING INSTRUCTIONS**



Using advanced ceramic particle technology, the **Eastwood Heat & Sound Barrier Coating** combines excellent heat resistance and sound absorption properties. In addition to offering heat transfer reductions up to 20° F [6.6° C] @ 160° F [71.1° C] & 600° F [315° C] high-heat resistance, it will lower decibel readings as much as 5db at a recommended thickness. **COVERAGE:** 1.5 gallons covers 30 sq ft at 60 MIL thickness.

## SAFETY INFORMATION



### READ INSTRUCTIONS!

Read and understand all instructions thoroughly.



### FIRE AND EXPLOSION HAZARD!

- Do Not use near sparks, open flame or other potential ignition sources.
- Use in a well ventilated area.



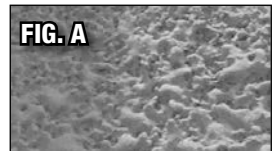
### HEALTH HAZARD!

- Wear appropriate eye protection to avoid the possibility of any product splashing into eyes.
- Wear protective, chemical resistant gloves. Disposable Nitrile or latex gloves are acceptable.
- Avoid breathing vapors produced by Eastwood Heat & Sound Barrier Coating. Always wear appropriate NIOSH approved breathing apparatus and use in a well ventilated area.



## IMPORTANT PRODUCT APPLICATION NOTES

- For best sound absorption and heat insulation results, Eastwood Heat & Sound Barrier Coating should be applied on the surface facing the source of heat and or sound.
- Eastwood Heat & Sound Barrier Coating is a two-component formulation with very unique properties which require special attention and handling during the mixing stage before application.
- Part A and Part B have unusually thick and dense properties due to the high-particle ceramic content. As a result, great care must be taken to ensure the proper 2:1 mix ratio. (2 Parts A to 1 Part B). The components do not “flow” easily from the can and should be scooped out for best results. It will however, become easily “pourable” after thorough mixing.
- **NOTE:** Useful mixed pot life is 2 to 3 hours depending on ambient temperature. It is best to mix only the amount that can be reasonably applied in a 2 hour period.
- The Eastwood Heat & Sound Barrier Coating must initially be applied in a very light tack coat. It is normal for the substrate to be visible through the tack coat. Subsequent coats will build quickly.
- The resulting surface texture should be very course and rough for best performance (**FIG A**).
- Apply Eastwood Heat & Sound Barrier Coating in temperatures greater than 70°F [21° C].
- Eastwood Heat & Sound Barrier Coating should not be reduced.



- Eastwood Heat & Sound Barrier Coating should be allowed to fully cure for 48 hours before subjecting film to abrasion or rough contact.
- Allow 30 to 45 minutes between coats for best results. Apply multiple coats to achieve between 60 to 100 mil film thickness (1/16" to 1/8" [1.6mm to 3.2mm]). **NOTE:** For reference, a U.S. Quarter is approx. 60 mil & 1/16" thick.
- The surface to be coated with Eastwood Heat & Sound Barrier Coating must be thoroughly cleaned and completely free of any oily deposits, polishes or any type of surface contaminates. Failure to do so will affect adhesion. Eastwood PRE Painting Prep (#10041Z), works well.
- Carpet adhesive and carpet may be applied over Eastwood Heat & Sound Barrier Coating after the 48 hour cure time.
- Eastwood Heat & Sound Barrier Coating may be top coated with most Eastwood paints however they should be applied lightly to avoid reducing the heat and sound reducing effectiveness.
- Clean-up is best achieved with the use of toluene. Eastwood, PRE Painting Prep (#10041ZP) may also be used.

## SURFACE PREPARATION:

- All bare metal surfaces should be thoroughly cleaned of any oxidation or corrosion by abrasive blasting, abrasive wheel or sanding. Eastwood Aluminum Prep (#14107ZP) for aluminum, Eastwood Fast-Etch (#19415ZP) for steel also work well. Rinse the surface several times with Eastwood PRE, Pre-Painting Prep (#10041Z) or a good quality acetone w/lint-free wipe. Blow-drying after final rinse is advisable to avoid streaking or residue.
- All non-bare metal surfaces such as cured paint, fiberglass gel coat, powder coating, etc. must be free of all wax, silicone, oil or other contaminates. Rinse the surface several times using Eastwood PRE, Pre-Painting Prep or a good quality acetone with a lint-free wipe. Blow-drying after final rinse is advisable to avoid streaking or residue.

## PRODUCT MIXING:

1. Carefully measure and mix a ratio of **2 parts** of “**Part A**” with **1 part** of “**Part B**” into a clean, plastic or paint mixing cup. **IMPORTANT NOTE:** Part A and Part B have unusually thick and dense properties due to the high particle ceramic content. The components do not initially “flow” easily from the can and should be scooped out for best results.
2. Stir components thoroughly for a minimum of 5 minutes until mixture is a uniform texture. **IMPORTANT NOTE:** After mixing, the Eastwood Heat & Sound Barrier Coating will take on a smoother, more “flowable” consistency and can then be easily poured.
3. If mixture begins to harden, do not use

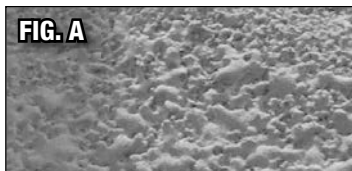
## PRODUCT APPLICATION

Eastwood Heat & Sound Barrier Coating can be applied by multiple methods including: spraying or rolling. For spray-on; For best results, use an Eastwood Undercoat Gun (# 20441) set @ 60 PSI and Nozzle fully open. Follow Undercoat Gun instructions for proper use. The Eastwood Undercoating Guns (#15186 & 19867) may also be used. Follow gun instructions for proper use.

### SPRAY ON (preferred method):

1. Follow all surface prep and product mixing instruction steps outlined previously.
2. Be sure to wear protective gloves, eye protection and respiratory apparatus.

## PRODUCT APPLICATION (CONT'D)



3. Use an Eastwood Undercoat Gun (#20441) and **lightly** mist on the first tack coat of Eastwood Heat & Sound Barrier Coating with the gun perpendicular to the surface at a distance of 6 to 8". **NOTE:** The substrate should be readily visible through the 1st coat.
4. This product is designed to go on in successive coats to achieve between 60 to 100 mil film thickness (1/16" to 1/8" [1.6mm to 3.2mm]). **NOTE:** For reference, a U.S. Quarter is approx. 60 mil & 1/16" thick.
5. Each coat produces a *rough, open texture*, necessary for proper product performance (**FIG A**).
6. When applying additional coats, the surface must be dry to touch. Apply at a distance of 6" to 8" from the surface with a 50% overlap. **DO NOT** allow product to accumulate too thickly or achieve a smooth texture.
7. Wait a minimum of 20-30 minutes to apply successive coats.
8. Useful mixed pot life is 2 to 3 hours depending on ambient temperature. It is best to mix only the amount that can be reasonably applied in a 2 hour period.
9. **DO NOT** allow the product to cure in the spray gun or permanent damage will occur. The gun must be cleaned thoroughly with toluene. Eastwood, PRE Painting Prep (#10194ZP) may also be used

### ROLL ON:

1. Follow all surface prep and product mixing instruction steps outlined previously.
2. Be sure to wear protective gloves, eye protection and respiratory apparatus.
3. A good quality disposable foam roller works best for smooth, even product application.
4. Pour mixed product into tray to a depth of approx. 1/4" [6mm]. Carefully dip foam roller into mixed Eastwood Heat & Sound Barrier Coating and *lightly* roll through, picking up mixture.
5. Spread onto surface using smooth, light, uninterrupted strokes. Do not apply heavy pressure.
6. This product is designed to go on in successive coats to achieve between 60 to 100 mil film thickness (1/16" to 1/8" [1.6mm to 3.2mm]). **NOTE:** For reference, a U.S. Quarter is approx. 60 mil & 1/16" thick.
7. Each coat will produce a rough, open texture which is necessary for proper product performance. **DO NOT** allow product to accumulate too thickly or achieve a smooth texture.
8. When applying additional coats, the surface must be dry to touch. Wait a minimum of 20-30 minutes to apply successive coats.
9. Useful mixed pot life is 2 to 3 hours depending on ambient temperature. It is best to mix only the amount that can be reasonably applied in a 2 hour period.

## PRODUCT REMOVAL

Eastwood Heat & Sound Barrier Coating can be removed from most, hard non-porous surfaces by applying heat with an electric heat gun to soften (400°+ F [204°+ C]) and scraping from the surface with a suitable tool. **CAUTION:** Use extreme caution as hazardous fumes may be released by this process and burns could occur from contact with hot surfaces.

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### If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/15632manual](http://eastwood.com/15632manual)

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