

Eastwood

DO THE JOB RIGHT.

Part #15350

EXO-ARMOUR

INSTRUCTIONS



Eastwood DO THE JOB RIGHT.

EXO-ARMOUR

PART A

- Invisible Coating Protects Bare or Painted Metal & Plastic Surfaces From Corrosion and UV Damage
- Temperature Resistant up to 2,000°F
- Salt Spray Resistant up to 4,000 hr

DANGER!
HARMFUL OR FATAL IF SWALLOWED.
IRRITATING TO SKIN AND EYES.
VAPOR HARMFUL.

Read Directions On
Rear Panel Before Use.
Net wt. 3 oz. / 85 grams

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EXO-ARMOUR

PART B

DANGER!
HARMFUL ON FACE IF SWALLOWED.
IRRITATING TO SKIN AND EYES. VAPOR HARMFUL.

Net wt. 1 oz. / 28.34 grams

The **Eastwood Exo-Armour** cured coating is impervious to most solvents, fuels, acids and even DOT 3 Brake Fluid. In addition to offering up to 2000° F [1093° C] heat resistance, it will fully seal any smooth surface from moisture, oxygen and the damaging effects of corrosion.

IMPORTANT PRODUCT APPLICATION NOTES

- Eastwood Exo-Armour is a two-component formulation with some very unique properties which require special attention and handling during the mixing stage before application. When Part A and Part B are combined, they will initially repel each other as will oil and water. It may require up to 1 full hour of periodic stirring to fully become hydrolyzed. At this point the mixture will have an opaque, yellowish appearance. This is completely normal.
- The Eastwood Exo-Armour must be applied in a very thin film. A cured film thickness of 0.0003" is normal. If higher film thickness is desired, apply in multiple coats.
- The surface to be coated with Eastwood Exo-Armour must be thoroughly cleaned and completely free of any oily deposits, polishes or any type of surface contaminates. Use Eastwood #10041Z PRE, Pre-Painting Prep or a good quality acetone. Failure to do so will diminish the products' ability to offer full protection.
- Apply Eastwood Exo-Armour in temperatures above 70°F [21° C] and humidity less than 70%.
- Eastwood Exo-Armour should be allowed to fully cure for 5 full days before subjecting film to abrasion or rough contact.
- If Eastwood Exo-Armour must be removed, use chemical strippers or abrasive blasting.

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 source.



HEALTH HAZARD!

- Avoid breathing vapors produced by Eastwood Exo-Armour. Always wear appropriate NIOSH approved breathing apparatus and use in a well ventilated area.
- 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.



SURFACE PREPARATION

- For highly polished metal surfaces such as custom wheels, motorcycle parts, polished aluminum trailers, boats or aircraft skin, rinse the surface several times to remove all traces of polish and contaminants using Eastwood #10041Z 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.
- All other bare metal surfaces should be thoroughly cleaned of any oxidation or corrosion by abrasive blasting, abrasive wheel or sanding. Eastwood #14107ZP Aluminum Prep for aluminum, Eastwood #19415ZP Fast-Etch for steel also work well.
Rinse the surface several times using Eastwood #10041Z 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.
- All non-bare metal surfaces such as cured paint, fiberglass gel coat, powder coating, Plexiglas, etc. must be free of all wax, silicone, oil or other contaminants. Rinse the surface several times using Eastwood #10041Z 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 **3 parts of "Part A"** with **1 part of "Part B"** into a clean glass mixing cup. **NOTE:** Part A and Part B containers are pre measured. If you wish to use a lesser amount, the proper 3 to 1 ratio must be followed. Example: For 2 oz of mixed Exo-Armour, mix 1½ oz of "Part A" to 1/2 oz of "Part B".
2. Stir mixture thoroughly every 5 minutes until mixture appears uniformly yellowish & cloudy.
3. Let mixture stand for **one full hour** before using to eliminate yellow cloudy color.
4. The mixed product will become opaque and is ready for use. **NOTE:** once the Eastwood Exo-Armour mixture has reached opacity, it has a pot life of 12 hours in warmer conditions (75-110°F, [24-43°C]). In cooler conditions (45-75°F, [7-24°C]) Eastwood Exo-Armour will be useful up to 24 hours. Refrigerating mixed Eastwood Exo-Armour in a tightly sealed, glass container may extend pot life for up to one week. If mixture was refrigerated, allow it to return to room temperature before using.
5. If mixture separates, do not use.

PRODUCT APPLICATION

Eastwood Exo-Armour can be applied several ways including: wiping on, brushing or spraying.

Wipe 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 as described in safety instructions.
3. For wipe applicator, use the included microfiber cloth, carefully dip into mixed Exo-Armour, squeeze excess product out of wipe by pressing against the side of mixing container.
Note: a synthetic chamois cut into 3" x 3" squares also works well as an applicator.
4. Wipe onto surface using smooth, uninterrupted strokes. Remember: This product is designed to go on sparingly, several thin coats are much more effective than one thicker coat. **NOTE:** If streaking occurs, the product is being applied too heavily.

5. If additional coats are desired, the surface must be tacky. Wait a minimum of 15 minutes but no longer than 30 minutes to apply successive coats. If you must level, sand the coating, wait 24 hrs, and recoat.

Brush 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 as described in safety instructions.
3. A good quality disposable foam brush works best for smooth, even product application.
4. Carefully dip foam brush into mixed Exo-Armour, squeeze excess product out of brush by pressing it gently against the side of mixing container.
5. Spread onto surface using smooth, uninterrupted strokes. Try not to lift brush from surface and re-start and avoid overlapping passes. Remember: This product is designed to go on sparingly, a little goes a long way and several thin coats are much more effective than a thicker application. Note: If streaking occurs, the product is being applied too thickly.
6. If additional coats are desired, the surface must be tacky. Wait a minimum of 15 minutes but no longer than 30 minutes to apply successive coats.

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 as described in safety instructions.
3. Use a gravity-feed detail gun or airbrush with a 0.3 to 0.5 mm needle/nozzle set and *lightly* mist on the first coat of Eastwood Exo-Armour.
4. This product is designed to go on sparingly, a little goes a long way and several thin coats are much more effective than a thicker application. Note: If haziness occurs, the product is being applied too heavily.
5. If additional coats are desired, the surface must be tacky. Wait a minimum of 15 minutes but no longer than 30 minutes to apply successive coats.
6. Do not allow the product to cure in the spray gun or permanent damage will occur. The gun must be cleaned thoroughly with Eastwood Aerosol Injected Cleaner # 12846Z, acetone or lacquer thinner.

Product Curing:

Eastwood Exo-Armour is a 2 component, catalyzed system & will cure by chemical reaction. At normal room temperature, it can require up to 5 days to achieve a full cure. This process may be accelerated to 4 hours @ 100° F [38° C] or 30 minutes @ 150° F [65° C].

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

PDF version of this manual is available online >> eastwood.com/15350manual

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