



DRIVING SURFACE PERFECTION™

TECHNICAL DATA SHEET

Version 3.0

E-COAT#12

E-COAT REPAIR AEROSOL



TECHNICAL DATA SHEET & PROCESS GUIDE

E-COAT#12 is a corrosion resistant, color matched coating that restores the original appearance and gloss of factory e-coat. Use E-COAT #12 on any e-coated panel, vehicle floor, engine bay, cross members, core supports, door skins. E-COAT #12 can be used as a DTM primer or as a single coating to match the OEM finish, is available in 5 colors and is compatible with most basecoats.

- Excellent color and gloss match to OEM factory coatings
- 1-2 coat application
- Apply direct to metal, no need for etch primer
- Contains a unique corrosion resistant technology

TECHNICAL DATA AND APPLICATION GUIDE



Substrates

- Lightly abraded E coat
- Prepared OEM painted surfaces
- Abraded metal (steel, aluminum)
- Fiberglass and SMC
- Polyester body filler
- Galvanized surfaces*

**Prime with ACID#8 prior to top coating with E-COAT#12*



Tools Required

- SYSTEM 20 UP2012/UP2022 Solvent Based Degreaser or UP2002 Water Based Degreaser
- P180-320 grit sand paper
- U-POL Tack cloths



Substrate Preparation

For best results, ensure all rust and oxidation is removed from the area, and abrade as required finishing with P180-320 grit. Apply 1-2 even medium coats allowing 10 minutes flash-off. Etch primer is not required on steel or aluminum substrates. Allow 30 minutes before overcoating with solvent based basecoat. For water based basecoats, allow to dry hard and abrade lightly with a scuff pad or fine abrasive before application.



Mixing

Shake the aerosol can for at least 2 minutes before use.
When finished, invert the can and spray to clear the nozzle tip.



Coats

1 - 2 coats at a distance of approximately 10" from the surface.

Build / MIL 1 MIL

*Theoretical Coverage approx. ft²/unit 17 square feet

**Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness between indicated values.*



Flash-off / min @ 70°F

between coats 10 mins



Drying Times

Dust free @ 70°F / min 20 - 30 minutes

Through dry @ 70°F / min 30 - 60 minutes



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STORAGE & VOC INFORMATION

Shelf Life

2 years subject to proper storage conditions.

Aerosol cans should be stored for two hours at room temperature before use. For long term storage, keep in a dry well ventilated area and away from direct sunlight and frost. To clear the nozzle and maximize the lifespan of your aerosol, always invert the can and spray upside down for a few seconds after each use. Should the nozzle become blocked, remove it from the can and soak it in gentle thinners.

Recommended Storage Temperature 40°F - 78°F

Recommended Application Temperature 70°F



VOC Information

Order Code	Format	Color	MIR
UP0890	450ml Aerosol	Black	CARB ABP 0.95
UP0891	450ml Aerosol	Gray	CARB ABP 0.95
UP0892	450ml Aerosol	Light Green	CARB ABP 0.95
UP0893	450ml Aerosol	Beige	CARB ABP 0.95
UP0894	450ml Aerosol	Olive Green	CARB ABP 0.95

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local distributor or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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