



RAPTOR ACID ETCH PRIMER



DRIVING SURFACE PERFECTION™
TECHNICAL DATA SHEET

1K ACID ETCH PRIMER AEROSOL

Version: 1.0

DESCRIPTION

U-POL offers a complete line of accessory products to prep, apply and upgrade your RAPTOR application. Phosphoric acid ester formula promotes paint adhesion to difficult substrates, like galvanized steel and aluminum. Ideal for rub throughs in primer prior to application of color and new bare metal panels.

- Etch and prime bare metal in one step
- Flat fan high atomization nozzle offers a large fan pattern and excellent coverage
- Creates an anti-corrosive barrier that prevents steel from rusting
- Can be directly topcoated - no sanding required

TECHNICAL DATA



Substrates

- Bare steel
- Aluminum
- Galvanized and zinc coated steels
- Polyester bodyfillers and GRP
- Fully cured paint

APPLICATION GUIDE



Tools Required

- U-POL SYSTEM 20 Degreaser (UP2002, UP2012, UP2022)
- P220 - P400 Grit Sandpaper



Substrate Preparation

For best results, ensure the surface is thoroughly cleaned, degreased, dried and dust free. Abrade primed surfaces wet or dry with P180 - P220 grit sandpaper, degrease and dry.



Mixing

Shake the aerosol can for at least 2 minutes before use.



Coats

2 coats at a distance of approx. 10 inches from the surface.

Build 15μ / 0.6 mil

Theoretical Coverage approx. ft²/unit 48.4

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



Flash-off / min @ 68°F

Between coats 3 - 5 mins



Drying Times

Dust free @ 68°F / min 10 - 20



Dry Sanding

P400 -P600 if required



Wet Sanding

P600 - P800 if required



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Over Painting

RAPTOR Acid Etch Primer may be overpainted with most water-based or solvent-based basecoats or solid colors. Under normal circumstances, **RAPTOR Acid Etch Primer** can be directly overcoated without sanding and may be overcoated directly with top coat. If the repair requires additional build primer filler should be used before topcoat is applied.

STORAGE & VOC INFORMATION



Shelf Life

4 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 maximize the lifespan of your aerosol, always invert the can and spray upside down for a few seconds after each use to clear the nozzle. If the nozzle becomes blocked, remove it from the can and soak it in gentle thinners.

Recommended Storage Temperature 41°F - 77°F

Recommended Application Temperature 68°F



Order Code	Format	Color	MIR
UP5023	450ml Aerosol	Gray	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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