



DRIVING SURFACE PERFECTION™

TECHNICAL DATA SHEET

Version 3.0

RAPTOR 2K Anti-Corrosive Epoxy Primer Aerosol



TECHNICAL DATA SHEET & PROCESS GUIDE

RAPTOR Anti-Corrosive Epoxy Primer is a 2K high performance primer aerosol specifically designed to be used under RAPTOR Protective Coating to further extend the protective and anti-corrosive properties of RAPTOR. The advanced resin technology in RAPTOR Anti-Corrosive Epoxy Primer improves adhesion to bare metal and most other prepared surfaces.

FEATURES

ADHESION

Excellent adhesion over bare metal, galvanized steel and aluminum.

ANTI-CORROSION

Inhibits rust and corrosion.

EASY TO USE

Easy to activate. No measurements and no gun to clean.

RECOATABLE

Compatible with all standard water borne and solvent borne coatings.

WET ON WET

Can be topcoated in as little as 30 minutes.

SUBSTRATES AND PREPARATION



Substrates

- Bare steel
- Galvanized
- Aluminum
- Polyester Fillers
- Original paint finishes
- Fiberglass

* See *Substrate Preparation* section for details.



To achieve best results with RAPTOR, good preparation is essential.

1. Remove all loose material and any rust from the surface to be coated.
2. Clean and degrease the surface.
3. Abrade the surface with the required grit sand paper (see below).
4. Re-clean the surface.

* Metals: Abrade with: Bare metal P80-180; Aluminum/Galvanized P120-180.

* Fiberglass/Polyester fillers/Original paint finishes: Abrade with P120-180. Clean and degrease.

Note: Do not apply over Acid Etch Primer.



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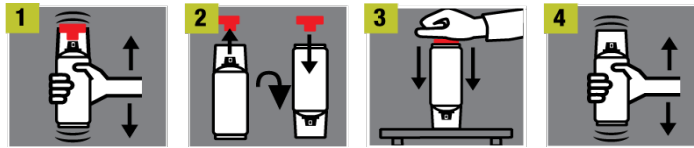
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Mixing and Activation



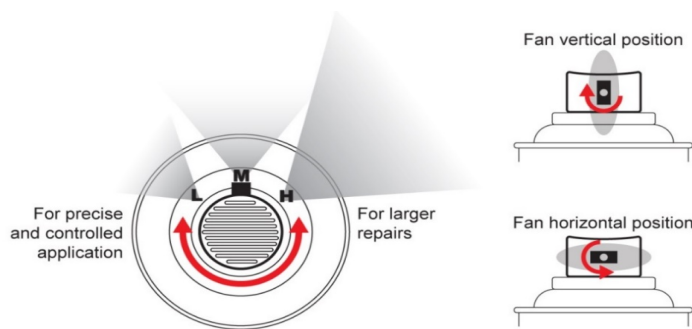
1. Shake can for two minutes before activation.
2. Remove the button from under the instruction leaflet on the cap. Turn the can upside down and fit the button onto the pin in the base of the can.
3. With the cap still on, place the can on a firm surface. Push the button all the way down with the palm of your hand to release the activator into the aerosol.
4. Shake can for two minutes before use.

TIP: Q How do I know if I have activated the RAPTOR 2K Anti-Corrosive Epoxy Primer aerosol?
 A The push button can easily be pushed in with minimal resistance.

Once activated, the pot life is approximately 4 days @ 20°C



Application



1. The horizontal and vertical spray direction of the nozzle on the aerosol can be adjusted to suit the size of the repair.
2. Turn the nozzle to the right for larger repairs and to the left for smaller, precise areas.
3. The size of the spray can also be influenced by the distance at which the user stands away from the repair



Coats

It is recommended that a test application is made before spraying the final object
 Minimum of 2 coats required at 30cm from the surface with 5 minute flash off between coats.



Drying Times

Air dry @ 20°C

Topcoat

Overnight

Can be topcoated after 30 minutes

After 24 hrs, abraded with P400 grit sandpaper before topcoating

Build / microns approx 70µ for 2-coats

Theoretical Coverage approx. 0.75 - 1.0m² (8-12 sq. ft.)



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STORAGE & VOC INFORMATION



Shelf Life

3 years subject to good 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 5°C - 25°C

Recommended Application Temperature 20°C

Safety Data Sheet Code REPAL



VOC Information

The EU limit for these products (product category: IIB.(e) in ready to use form is 840 g/litre. The VOC content of this product in ready to use form is 653 g/litre.

Order Code	Format	Color	VOC g/l
REP/AL	400ml Aerosol	Beige	653

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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