



DRIVING SURFACE PERFECTION™

A large, detailed photograph of the front of a white truck, showing the grille, headlights, and bumper. The truck is positioned in the center of the frame, facing slightly to the right. The background is a blurred, light blue and white gradient, suggesting motion. The truck's surface has a glossy, protective coating that reflects light. The overall image is framed by a dark, textured border at the bottom and sides.

**RAPTOR**<sup>®</sup>  
PROTECTIVE COATINGS

[WWW.RAPTORCOATINGS.COM](http://WWW.RAPTORCOATINGS.COM)

# RAPTOR®

## PROTECTIVE COATINGS

### PROTECTIVE COATING FOR YOUR FLEET

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Raptor Protective Coating is a highly effective coating that is impact resistant and also available in a slip resistant formula with Raptor Traction making it a safe and fully certified choice for every commercial vehicle application. We now also supply Raptor in a comprehensive range of Made to Order Colours (MTOC) which makes it the number one protective coating system.

With new innovations and products to help you keep your vehicles protected and on the road for longer **Raptor** Protective Coating has rapidly become the first choice for tier one suppliers, OEMS, converters, fleet owners and the aftermarket sector. It is quick and easy to apply, fully watertight, hygienic and

stain and salt spray resistant whilst also providing a smart surface barrier which makes cleaning simple. No matter what spillage of various chemicals on your vehicle, including; petrol, diesel, hydraulic oils and some acids, **Raptor** will maintain its look and appearance and protect all surfaces coated.





## REASONS TO CHOOSE **RAPTOR**

### 1. DURABLE

Provides a tough mechanical damage and stain resistant surface. Protects against rust, corrosion and extreme temperatures. Resistant against fuels, hydraulic oils, animal urine, salt water and more.

### 2. ANTI-CORROSIVE EPOXY PRIMER

Specifically designed to be used under **Raptor** protective coating for optimal protection against corrosion whilst improving adhesion to bare metal and prepared surfaces.

### 3. WATER RESISTANT

Provides a water tight seal, that keeps moisture out which helps prevent rust.

### 4. U.V. RESISTANT

Delivers unparalleled protection against U.V. exposure, preventing colour fading or chalking.

### 5. SLIP RESISTANT ADDITIVE

The use of **Raptor** Traction produces a slip resistant surface as defined by BS 7976-2 and ASTM E303-93.

### 6. CUSTOM COLOUR

**Raptor** is available in black and Made to Order RAL colour. The Made to Order option can be tailored to suit the colour of your choice and delivered ready to use. **Raptor** can be applied as a flat finish or in various textures.

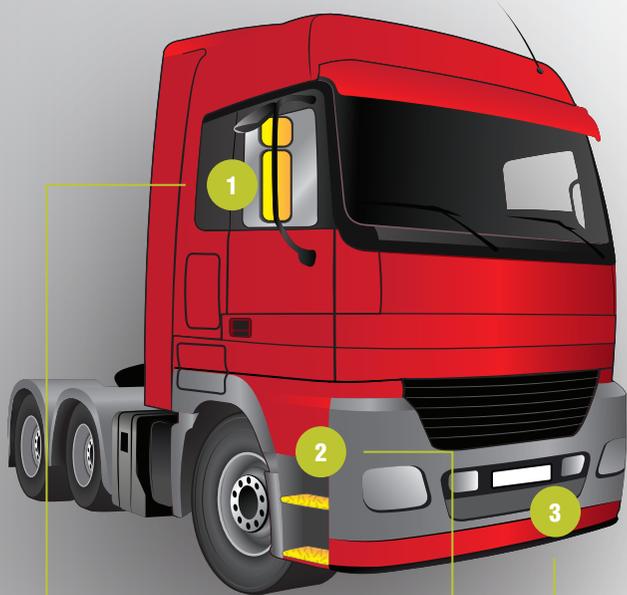
### 7. TINTABLE

**Raptor** can also be tinted to the colour of your choice by adding up to 100ml per litre, or 10% of volume mixed, of automotive solvent tint.

### 8. QUICK & EASY

Can be applied with excellent adhesion across many substrates with either plural mixing machines, **Raptor** standard or professional vari-nozzle application guns, roller or brush.





### 1. Mirror Housing

Long lasting coating to house the mirror, protecting against mechanical and scratch damage

### 2. Tread Inserts\*

**Raptor** Black or RAL MTOC with Traction for increased durability and excellent anti-slip properties

### 3. Bumper, Grill, Step Box and Cab Wings

**Raptor** RAL MTOC to achieve various textured finishes for excellent durability. Suitable for a range of substrates



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### Chassis / Subframes

## 11. Cappings / Body\*

**Raptor** RAL MTOC improves durability against mechanical damage and stains



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### 8. Side Skirt

Fibreglass coated with **Raptor** RAL MTOC for durability and improved scratch and wear protection

### 10. Chassis\*

Available in **Raptor** RAL MTOC to match your branding. Excellent U.V. salt spray, corrosion and chemical resistance

# RAPTOR PROTECTIVE COATING SOLUTIONS

## 9. Floor

**Raptor** RAL MTOC wear and abrasion, slip resistance coating, meets BS7976-2 requirements on a range of substrates

## 7. Walls (Interior & Exterior)

**Raptor** RAL MTOC improves durability against mechanical damage and stains

## 6. Grab Handles

**Raptor** RAL MTOC with Traction for added grip, improved longevity and aesthetics

## Drop Side\*

Adhesion to multiple substrates offering durability against mechanical damage, U.V. and wear protection

## 5. Tail Lift Platform\*

**Raptor** Black and MTOC including Traction for improved durability and excellent anti-slip properties meeting BS7976-2

## 4. Steps\*

**Raptor** RAL MTO yellow, with Traction for excellent anti-slip properties meeting BS7976-2



\*To aid adhesion and extend the life of Raptor on bare metal substrates, use Raptor Epoxy Primer to give you optimal anti-corrosive protection and excellent salt spray resistance.

# RAPTOR®

## PROTECTIVE COATINGS

### RAPTOR PROTECTION YOUR COLOUR, YOUR WAY

With over 170 RAL colours available, we will tailor your order to perfectly match your brand, design or livery colour.

All colours are custom mixed and manufactured to exemplary standards at our UK laboratories, to give you the perfect finish.

Your ready to use, Made to Order Colour will be delivered in 20 litre drums\* designed specifically for the commercial vehicle market.

\*Can also be delivered in 5 litre tins, providing the order is a minimum quantity of 40 litres.



To find out more or to place an order, e-mail us at: [uk.sales@u-pol.com](mailto:uk.sales@u-pol.com) or call: 0208 4925920

### CASE STUDY: BRISTOL WASTE

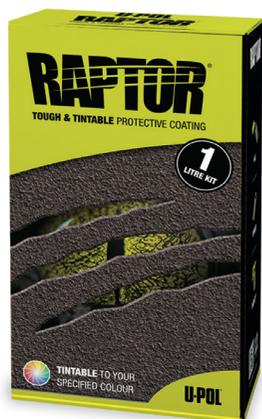


Bristol Waste approached U-POL about a problem with rust on their fleet of 284 collection vehicles, caused by acidic waste materials corroding the metal.

The vehicles damaged by rust were treated with ready to use **Raptor** Made To Order Colour to match their branding in Zinc Yellow (RAL 1018). The vehicles instantly looked refreshed and ready to get back on the road, plus **Raptor** provides exceptional corrosion protection from future attacks. Iain Fortune, Bristol Waste Fleet Manager, says: "I believe Raptor could well increase the life (of our vehicles) by at least two years. It really is an incredibly robust and protective product."



# RAPTOR PRODUCTS



## 1L RAPTOR KIT

The 1L **Raptor** kit is ideal for smaller applications and touch-ups. Compatible with **Raptor** standard and professional vari-nozzle application guns. Each kit contains 750ml of **Raptor** and 250ml of hardener.

- The 1L **Raptor** kit covers approximately 3m<sup>2</sup>
- Best results achieved with both **Raptor** standard and professional vari-nozzle application guns

Part Number	Description	Colour
RLB/S1	1L Kit	Black
RLT/S1	1L Kit	Tintable



## 4L RAPTOR KIT

The 4L **Raptor** kit is the industry standard in bed liner coating. Each kit contains four 750ml bottles of **Raptor** and a 1L tin of hardener.

- The kit covers approximately 12m<sup>2</sup>, enough to do a full size pick-up truck bed
- Best results achieved with both **Raptor** standard and professional vari-nozzle application guns

Part Number	Description	Colour
RLB/S4	4L Kit	Black
RLT/S4	4L Kit	Tintable



## 5L RAPTOR

The 5L **Raptor** tins are ideal for large areas such as trailers, floors, heavy equipment and full oversprays.

- Mix 3:1 (15L of **Raptor** to 5L of hardener) to make more than 20L of **Raptor** and covers approximately 60m<sup>2</sup>
- This can be brush applied, rolled or sprayed through pneumatic or conventional spray equipment

Part Number	Description	Colour
RLB/5	5L Tin	Black
RLT/5	5L Tin	Tintable
RLH/5	5L Tin	Hardener



## RAPTOR MADE TO ORDER COLOUR

Available to order, for more details or to place an order, e-mail us at: [uk.sales@u-pol.com](mailto:uk.sales@u-pol.com) or call: **0208 4925920**. Minimum order quantity ready for use 40L - price on application.



## 200L RAPTOR DRUMS

The 200L **Raptor** drum will provide you with the coverage and protection you need for large and OEM applications.

Part Number	Description	Colour
OWNRLBV/200	200L Drum	Black
OWNRLTV/200	200L Drum	Tintable

## RAPTOR ANTI-CORROSIVE EPOXY PRIMER

The **Raptor** Anti-Corrosive Epoxy Primer is a 2K high performance primer, specifically designed to be used under **Raptor** protective coating.

It contains a blend of anti-corrosive additives to help inhibit rust and corrosion and has excellent salt spray resistance\*. **Raptor** Anti-Corrosive Epoxy Primer's advanced resin technology improves adhesion to bare metal and most other prepared surfaces, and promotes intercoat performance to further extend the life of **Raptor** protective coating.

- Provides a 7 day overcoat window when used wet on wet
- The **Raptor** Anti-Corrosive Epoxy Primer covers approximately 5.88m<sup>2</sup> @ 75µ DFT per litre



Part Number	Description	Colour
REP/1LK	1L Kit	Grey
REP/5LK	5L Kit	Grey

\*Test completed at >1000 hours according to ASTM protocols (B117) at an independent laboratory

## RAPTOR ACCESSORIES

**U-POL** offers a complete range of accessory products to prepare, apply and upgrade your **Raptor** application.



Part Number	Description
GUN/VN	Professional Vari-Nozzle Application Gun
GUN/1	Standard Application Gun
RLTR/SM	Slip Resistant Additive Traction 200g Box
ACID/AL	Acid Etch Primer 450ml Aerosol
GRIP/AL	Universal Adhesion Promoter 450ml Aerosol

# RAPTOR CERTIFICATIONS & TEST RESULTS

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**RAPTOR** has been tested in accordance with the following test methods.

**1. Anti-Slip**

Accredited BS 7976-2 and ASTM E303-93  
(when used with **Raptor Traction**)

**2. Flammability**

ISO 3795, FMVSS 302 and BS AU169A

**3. Watersoak**

ASTM D870-15 Pass

**4. Salt Spray**

ASTM B 117-16

**5. Chip Resistance**

ASTM D3359-09E2

**6. Impact Resistance**

ASTM D2794-93(2010)

**7. Taber Abrasion Resistance**

ASTM D4060-14

**Chemical Resistance**

ASTM D1308

**Coating Regulations**

Coating regulations differ by country, industry and application. Inclusion of a specific application within this catalogue is meant to demonstrate ability of this product to perform technically in that application, but does not mean that it has regulatory approval for this use in all different legislative regimes (for example having the relevant VOC for that specific use in every market). If you need specific advice regarding the local legislative frameworks for use of **Raptor** in any given application, please contact your **U-POL** representative.

## RAPTOR PROFESSIONAL VARI-NOZZLE APPLICATION GUN

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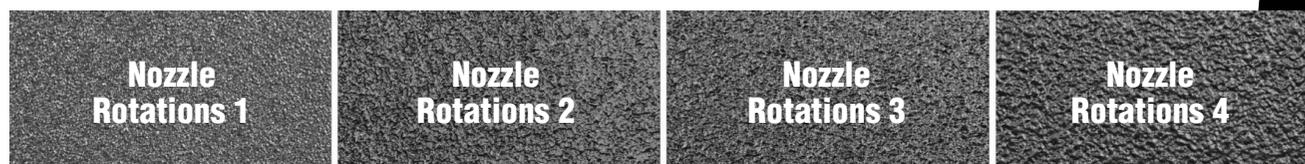


**Delivering a professional, consistent finish with the ability to customise your texture**

- Adjustable spray nozzle gives flexibility in your final texture and finish
- Locking nozzle for consistency and repeatability
- Lightweight and easy to use

**Ideal for touch-ups or smaller areas**

**Rotate nozzle to achieve the desired finish below:**



# RAPTOR SPECIFICATION

Mix Ratio	3:1
Tintable Mix	By volume: 3:1 mix ratio 3 parts <b>Raptor</b> , 1 part hardener, up to 10% colour.
Thinner	Up to 20% standard thinner optional.
VOC	See technical datasheet.
Compatibility	Properly prepared steel, aluminium, wood, paint, epoxy primer, plastic, E-Coat, glass, vinyl, polyesters, GRP, SMC, most plastics, fibreglass, SMC, concrete and ceramics.
Preparation	Remove all loose material and any rust from the surface to be coated. Clean and degrease the surface. Abrade the surface with P80-P180 grit sand paper. Re-clean the surface.
Raptor Application Guns	Apply using standard CV application equipment such as airless, air assisted, HVLP and conventional methods amongst others.
Air Pressure	2.75 - 4.1 bar, 40-60 PSI, 5-8 CFM.
Coats	2 to 3 coats maximum. Coat: 230µ ; 2 Coats: 475µ.
Flash Off Time	60 minutes rollable or <b>Raptor</b> Application Gun, 35 minutes HVLP.
Cure Times	1 hour touch, 72 hours in light duty service. Refer to TDS for cure times.
Pot Life	60 minutes @ 20°C.
Coverage	1L covers approximately 3m <sup>2</sup> . One 4L kit will cover an average 8 foot truck bed. Two 4L kits will coat an average 4x4 body.
Resistant To	Solvents, xylene, bleach, phosphoric acid, hydrochloric acid, hydraulic fluid, brake fluid, Skydrol™, gasoline, diesel, fuel, alcohol, salt water, animal urine, NaOH, petrol, hydrochloric oil, sulphuric acid.
Impact Resistance	93 inch pounds (10.5 Joules) at 23°C ASTM D2794-93 (2010).
Temperature Resistance	From -18°C to 100°C constant.
Salt Spray	Achieved > 1000 hours according to ASTM B 117-16.
QUV	RLB 60° Gloss: Initial 10.7, after 5000 hours 10.2.

## THE COMPLETE RAPTOR SYSTEM

**Raptor applied with Raptor Anti-Corrosive Epoxy Primer is specifically designed for optimal protection against rust and corrosion. The system provides excellent adhesion to both bare metal and prepared surfaces.**

- The **Raptor** system has been independently tested and certified according to ASTM protocols (B117) for excellent salt spray resistance\*
- Provides exceptional protection with 550µ\*\*

\*Test completed at >1000 hours.

\*\*2 Coats of Raptor Protective Coating, 1 coat of Rapor Epoxy Primer.





DRIVING SURFACE PERFECTION™

## ***KEEP YOUR FLEET ON THE ROAD FOR LONGER***

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**Our products have been developed so they can be applied and cured quickly helping to keep vehicle downtime to a minimum saving you time and money. Suitable for on-site or road side repairs.**

As well as Raptor Protective Coating, U-POL offers a range of high quality products that are recommended for all aspects of commercial vehicle repair.

We have brought our 70 years of expertise in automotive refinishing products to the Commercial Vehicle market where our range of products can be used for the refinishing of commercial vehicles in areas such as the cab superstructures, box body side walls, semitrailers, vans, containers and many more.



# U-POL PRODUCTS

## Fillers

U-POL offers a comprehensive range of body fillers to streamline repairs that are simple to use and easy to sand.

We deliver high quality and performance products by utilising the latest advancements in resin technology to give the perfect finish to a wide range of truck applications such as cab panels, fibreglass cab fairings, side skirts, body roof, cab bumper, stepwell and many more.

Product	Code	Size	Colour
Easy 1	EASY/7	3.5L	Grey
Smooth 7	SM/7	3.5L	Light Grey
Fantastic	FANT/3	3L	Cream
Dolphin Deep	DOLBF/D	3L	Blue
Dolphin Medium	DOLBF/M	3L	Blue
Dolphin Glaze	BAGDOL/1	440 ml	Turquoise
Dolphin 1K Stopper	DOLST/TU	200g	Olive Green
Rapid System Glaze	RS6208	880ml	Blue
Fibral	FIB/2	900ml	Yellow
SMC	SMCW/2	1.1L	White
SMC	SMCB/2	1.1L	Black
U-POL B	UPOLB/2	1L	Yellow
PLAS 6 X Filler	PLAS/6	600ml	Black
Reface	UPOL/SF2	2.5L	White



## Premium Aerosols

U-POL Premium Aerosols are a comprehensive range ideal for spot/panel, SMART repairs for interior trim and exterior applications to reduce maintenance downtime.

The range consists of tough durable coatings which can be applied over a wide range of substrates. Special clog-free nozzles give a spray gun-like finish to every job.

Product	Code	Size	Colour
Clearcoat CLEAR#1	CLEAR/AL	450ml	Clear
Weld Through Primer WELD#2	WELD/AL	450ml	Zinc
Weld Through Primer WELD#2	WELDC/AL	450ml	Copper
Spot Primer SPOT#3	SPOT/AL	450ml	Grey
Universal Adhesion Promoter GRIP#4	GRIP/AL	450ml	Clear
High Build Primer HIGH#5	HIGH*/AL	450ml	Various*
Solvent Based Degreaser WIPE#6	WIPE/AL	450ml	Clear
Dry Guide Coat GUIDE#7	GUIDE/AL	450ml	Black
1K Acid Etch Primer ACID#8	ACID/AL	450ml	Grey
Fade Out Solvent BLEND#9	BLEND/AL	450ml	Clear
Gravi-Gard Stone Chip Protector GUARD#10	GUARD/AL	450ml	Black
High Build Top Coats TRIM#11	TRIM*/AL	450ml	Various †



\*HIGH#5 colours: Grey, Black, White and Dark Grey  
 †TRIM#11 colours: Gloss Black, Matte Black, Satin Black, Gloss White, Silver Wheels and Steel Wheels



# COATINGS

DRIVING SURFACE PERFECTION™

## System 20 Clearcoat

The System 20 Clearcoat range delivers high build, high gloss coatings offering exceptional U.V. and weather resistance as well as long term durability.

System 20 Clearcoats can be applied over most common basecoat paint systems including water based, with excellent flow and non-sag properties.

Product	Code	Size	Colour
HS Overall Clearcoat	S2082/5L	5L	Clear
Superior HS Clearcoat	S2080/5	5L	Clear
Crystal Clear Scratch Resistant Clearcoat	S2080SR/5	5L	Clear
Diamond UHS Clearcoat	S2081EV/5	5L	Clear



## System 20 Primer

U-POL offers a range of high quality Sytem 20 Primers that can be applied directly to most substrates.

Product	Code	Size	Colour
Ultra High Solid High Build Primer	S2021G/5	5L	Grey
High Build Primer	S2025/4 S2025B/4 S2025W/4	4L	Grey Black White

## System 20 Accessories

U-POL offers a full range of thinners and paint ancillaries designed to prepare automotive surfaces and facilitate a smooth coating application.

Product	Code	Size	Colour
Fast Hardener	S2030/5	5L	Clear
Standard Hardener	S2032/5	5L	Clear
Standard Hardener (for use with UHS EV clearcoat)	S2039EV/2.5	2.5L	Clear
Fast Drying Universal Thinner	S2044/5	5L	Clear
Standard Universal Thinner	S2045/5	5L	Clear
Slow Drying Universal Thinner	S2046/5	5L	Clear
Rocket Paint Accelerator	S20ROC/M	500ml	Clear
Water Based Degreaser	S2000/5	5L	Clear
Solvent Based Degreaser - Fast	S2001/5	5L	Clear
Solvent Based Degreaser - Slow	S2002/5	5L	Clear
Plastic Primer Adhesion Promoter	S2003/1	1L	Clear
VOC Compliant Clearcoat Accelerator	S2005EV/M	500ml	Clear
Fisheye Eliminator Anti-Silicone Additive	S20FISH/S	250ml	Clear

System 20 products available in other sizes, please refer to the website for more details.



# U-POL PRODUCTS

## Adhesives & Sealant

A range of adhesive solutions which offer high bonding performance on a variety of substrates.

These can be used on a wide range of truck, body and floor sealing applications to ensure both durability and reliability. The Stronghold range is ideal for repairs to exterior trailer cappings, under run bumper end caps, PVC curtain material, trim surrounds and brackets throughout the vehicle.



Product	Code	Size	Colour
Stronghold High Adhesion Body Filler for Plastics	SH706/1	600ml	Black
Stronghold 901 Adhesives	SH9011/12	50ml / 200ml	Black
Stronghold 902 Adhesives	SH9021/22	50ml / 200ml	Black
Stronghold 904 Adhesives	SH9042	200ml	Black
Stronghold 915 Adhesives	SH9151/52	50ml / 200ml	Black
Tiger Seal Sealant & Adhesive	TIG/NB TIG/GG TIG/BW	310ml	Black, Grey, White

## Consumables

U-POL offers an extensive range of refinishing consumables from Maximum overalls, masks to tack cloths.

Product	Code	Size	Colour
Maximum Painter Overalls	COVER*	M, L, XL, XXL, XXXL	White
Maximum Premium Masks	RESPV	n/a	White
Masking Film	MFILM/*	120m and 150m	Clear
Maximum Professional Wipes General Purpose	MWPP/350	140m, 350 sheets	White
Maximum Tack Cloths	TRAG/ *	Box/ Dispenser	N/A

\*Various codes



See website for full details [www.u-pol.com](http://www.u-pol.com)



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