

**THE
PROFESSIONAL'S
CHOICE FOR**

**PROTECTIVE
COATINGS**

RAPTOR®



U-POL IS A WORLD LEADER IN AUTOMOTIVE REFINISHING PRODUCTS WITH OVER 70 YEARS OF EXPERIENCE MANUFACTURING FILLERS, COATINGS, AND AEROSOLS.

The company's RAPTOR brand is globally recognized as an industry-leading protective coating, often used on bedliners, and has rapidly become the preferred choice for collision repairers, Tier One suppliers, OEMs, and fleet owners for a durable, stain-resistant, and U.V.-resistant coating.

RAPTOR Protective Coating is available in black, tintable and white, in a variety of sizes, which makes it ideal for any customization project, large or small.

www.raptorcoatings.com

RAPTOR®

REASONS TO CHOOSE RAPTOR

1

DURABLE

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

2

WATER RESISTANT

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

3

U.V. RESISTANT

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

4

SLIP RESISTANT ADDITIVE

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

5

CUSTOMIZABLE

Available in black and tintable. Tintable versions may be tinted with solvent-based toners from paint system mixing banks

6

SOUND DEADENER

Flexible and reduces noise and vibration.

7

COMPREHENSIVE PORTFOLIO

Unrivalled range of packaging options and supporting products to meet any job requirement, large or small.

8

NO SPECIAL EQUIPMENT REQUIRED

RAPTOR can be applied by brush, roller or spray equipment.



RAPTOR AUTOMOTIVE APPLICATIONS

RAPTOR's durable, UV resistant formula makes it perfect for multiple automotive applications.

Apply RAPTOR to various parts and panels to offer chip guard protection, sound deadening, and to replicate OEM textures.

RAPTOR's versatility allows you to achieve a variety of textures by varying the application procedures through the use of spray equipment, roller, or brush to get your desired look.



Can be achieved using:

- UP0726 RAPTOR Application Gun
- UP4880 RAPTOR Professional Vari-Nozzle Gun
- 26832 3M™ Performance Spray Gun H/O



Can be achieved using:

- UP0726 RAPTOR Application Gun
- UP4880 RAPTOR Professional Vari-Nozzle Gun
- 1.6 - 2.5mm HVLP Guns
- 26832 3M™ Performance Spray Gun H/O



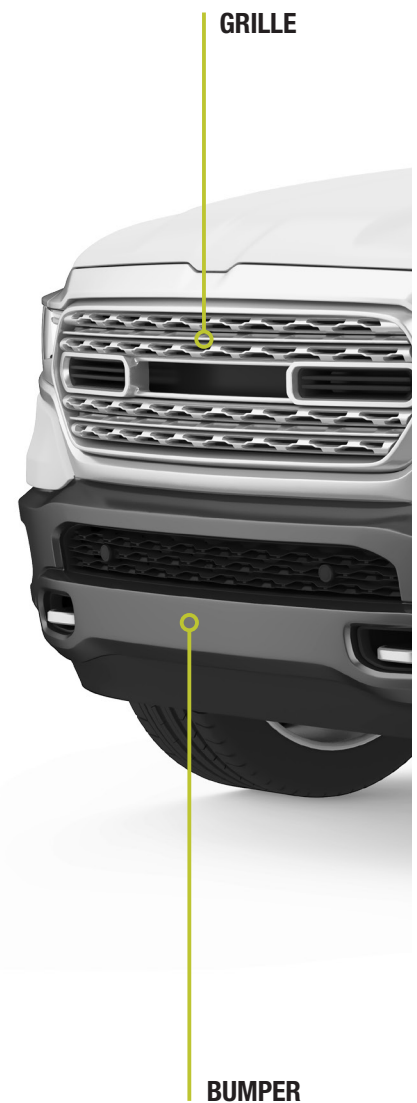
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Can be achieved using:

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Please see the 3M™ Performance Spray Gun Owner's manual for more information.

HOOD

SIDE MIRROR

BEDLINER

WHEEL

ROCKER
PANEL

DOOR / QUARTER
PANEL

FENDER
FLARE

FIND OUT MORE

See the RAPTOR Texture & Equipment
Selector Guide for spray applications
and step-by-step guidance



RAPTOR AUTOMOTIVE PROJECTS

RAPTOR can be used in a variety of applications to take any vehicle to the next level.



Tintable RAPTOR with various textures to create upgrade package at dealership.



Use of RAPTOR in traditional bedliner application.



Tintable RAPTOR applied as a protective chip guard coating over waterborne basecoat.



RAPTOR Black to create custom wheels.

RAPTOR SPECIFICATIONS

MIX RATIO	3:1
TINTABLE MIX	By Weight: 1000g = 777g coating + 223 hardener + 50g color By Volume: 5-10% of solvent-based toners
REDUCER	Not required. Up to 20% standard reducer optional
VOC	See Technical Data Sheet
COMPATIBILITY	Properly prepared steel, aluminum, wood, paint, epoxy primer, most plastics, E-Coat, glass, vinyl, polyesters, GRP, SMC, fiberglass, 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. Re-clean the surface.
RAPTOR APPLICATION GUNS	40-60 PSI, 5-8 CFM. No reduction required. For further technical information please refer to TDS. Standard Application Gun (UP0726) or Vari-Nozzle Application Gun (UP4880) is recommended.
AIR PRESSURE	40-60 PSI (2.75 – 4.1 bar)
COATS	2 to 3 coats maximum. Coat: 230μ; 2 Coats: 475μ
FLASH TIME	60 minutes between coats
CURE TIME	1 hour touch, 3-5 days light duty, 7 days full cure
POT LIFE	60 minutes @ 68°F (20°C)
THEORETICAL COVERAGE	1 activated quart covers approximately 21.5 square feet (2 square meters) with 2 coats.
RESISTANT TO	Solvents, xylene, bleach, phosphoric acid, hydrochloric acid, hydraulic fluid, brake fluid, Skydrol™, gasoline, diesel fuel, alcohol, salt water, animal urine
IMPACT RESISTANCE	ASTM D2794-93(2010) (7-days 10/10, 30-days 9/10, 90 days 9/10)
TEMPERATURE RESISTANCE	-0.4°F to 212°F (-18°C to 100°C)
WATER SOAK	ASTM D870-15 Pass
SALT SPRAY	ASTM B 117-16, no defects 400 hours
FLAMMABILITY	ISO 3795, FMVSS 302 and BS AU169A
QUV	60 Gloss Initial 10.7, after 5,000 accelerated QUV, 10.2
OTHER CERTIFICATIONS	Skydrol ASTM D1308; Traction ASTM E303-93, NFPA-1901, and BS 7976-2.

RAPTOR CORE PRODUCTS



RAPTOR TOUGH AND TINTABLE PROTECTIVE COATINGS: QUARTS AND HALF PINT HARDENER

RAPTOR is packaged 12-quart bottles to a case offering flexibility in the way RAPTOR is sold and used. Quart bottles are compatible with UP0726 RAPTOR Schutz and UP4880 RAPTOR Professional Vari-Nozzle guns. With a 3:1 mix ratio, use one ½ pint of hardener with each quart bottle. Low VOC formulation is compliant across the country.

PART#	DESCRIPTION	PACKAGING	NET FILL	VOC	CASE QTY
UP5130	RAPTOR Black	Quart Bottle	24 oz (711ml)	Low VOC	12
UP5131	RAPTOR Tintable	Quart Bottle	24 oz (711ml)	Low VOC	12
UP5125	RAPTOR Hardener	½ Pint Can	8 oz (237ml)	Low VOC	12



RAPTOR TOUGH AND TINTABLE PROTECTIVE COATINGS: GALLONS AND QUART HARDENER

RAPTOR is available two gallons per case and should be a staple for every collision repair shop. Instead of sending damaged truck beds out to a third party, collision repairers may complete repairs in-house with RAPTOR for extra profit. With packaging that fits a standard mixing bank, uncatalyzed RAPTOR may be stored with a Fillon or Dedoes mixing lid and agitated, when needed. With a 3:1 mix ratio, sell one quart of hardener with every gallon of RAPTOR. Low VOC formulation is compliant across the country.

PART#	DESCRIPTION	PACKAGING	NET FILL	VOC	CASE QTY
UP4838	RAPTOR Black	Gallon Can	0.75G (2.85L)	Low VOC	2
UP4839	RAPTOR Tintable	Gallon Can	0.75G (2.85L)	Low VOC	2
UP5126	RAPTOR Hardener	Quart Can	32 oz (946ml)	Low VOC	4

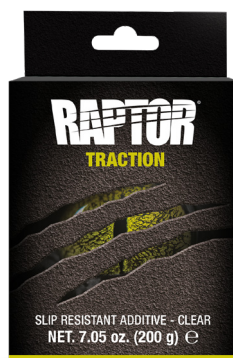
Recommended gallon mixing lid part numbers are Fillon E-5270 and Dedoes E-5211.



RAPTOR TOUGH AND TINTABLE PROTECTIVE COATINGS: 200 LITER DRUMS

The 200-liter drum provides the coverage and protection needed for large and OEM applications. With RAPTOR's 3:1 mix ratio, you will need a total of 70 liters of hardener (14 of the 5L hardener containers) for every 200 liter drum. UP4824 hardener is for use with black and tintable drums; UP4826 Hardener is for use with 2.6 VOC white drum only.

PART#	DESCRIPTION	PACKAGING	NET FILL	VOC	CASE QTY
UP4870	RAPTOR Black	200L Drum	200L Drum	Low VOC	1
UP4871	RAPTOR Tintable	200L Drum	200L Drum	Low VOC	1
UP4824	RAPTOR Hardener	5L Hardener	5L Hardener	Low VOC	2
UP4872	RAPTOR White	200L Drum	200L Drum	2.6 VOC	1
UP4826	RAPTOR Hardener	5L Hardener	5L Hardener	2.6 VOC	2



RAPTOR APPLICATION GUNS: STANDARD AND PROFESSIONAL VARI-NOZZLE

RAPTOR guns are constructed with European threading and longer dip tube to fit RAPTOR bottles. Screw directly onto the plastic quart bottle. The UP4880 Vari-Nozzle gun features an adjustable spray nozzle to dial-in the finish and texture desired. In case full activated quarts are not required, both RAPTOR guns are also compatible with disposable lid and liner systems. You may mix smaller amounts of RAPTOR in your disposable liner system and still create the same textures as if attaching the RAPTOR guns directly to activated RAPTOR quart bottles.

PART#	DESCRIPTION	CASE QTY
UP0726	RAPTOR Application Gun	5
UP4880	RAPTOR Professional Vari-Nozzle Gun	6

Gun Conversion Adapter Part Numbers:

UP0726 Gun: 3M S12 #26022; DeVilbiss DPC-502

UP4880 Gun: 3M S8 #26015

RAPTOR 2K AEROSOLS

RAPTOR 2K Aerosols offer a fast, easy way to apply RAPTOR without compromising performance. No spray equipment needed. RAPTOR 2K aerosols feature the same durability as the two-component RAPTOR coatings, and are ideal for spot repairs and small jobs. Each aerosol delivers 14 square feet of coverage. RAL Codes are included below to match popular industrial colors.

PART#	DESCRIPTION	SIZE	RAL CODE	CASE QTY
UP4883	RAPTOR 2K Black	13.2 oz can	N/A	6
UP4884	RAPTOR 2K Basalt Gray	13.2 oz can	RAL7012	6
UP4885	RAPTOR 2K White	13.2 oz can	GM WHITE	6
UP4886	RAPTOR 2K Flame Red	13.2 oz can	RAL3000	6
UP4887	RAPTOR 2K Olive Green	13.2 oz can	RAL6003	6
UP4888	RAPTOR 2K Sepia Brown	13.2 oz can	RAL8014	6
UP4889	RAPTOR 2K Blue	13.2 oz can	RAL5019	6

RAPTOR TRACTION SLIP RESISTANT ADDITIVE

Packaged in a convenient 200g resealable bag, RAPTOR Traction can be added directly into RAPTOR activated quart bottles prior to spraying. One package of RAPTOR Traction is designed for use with one quart bottle of RAPTOR. It is clear in color so it will not alter the color if tinting RAPTOR. The use of RAPTOR Traction in RAPTOR produces a slip resistant surface as defined by ASTM E303-93, NFPA-1901, and BS 7976-2.

PART#	DESCRIPTION	SIZE	CASE QTY
UP4800	RAPTOR Traction Slip Resistant Additive	200g bag	12

RAPTOR PREPARATION PRODUCTS



RAPTOR ADHESION PROMOTER

Promotes paint adhesion to plastics, aluminum, galvanized, zinc, painted surfaces, fiberglass, and body fillers. Replaces need to abrade surfaces in hard-to-sand areas like under hoods and deck lids. Sprays flat. Compatible with most water and solvent-based basecoats. Provides barrier against lifting and solvent attack. The equivalent product in the U-POL aerosol line is UP0799 GRIP#4.

PART#	DESCRIPTION	PACKAGING	NET FILL	CASE QTY
UP5024	RAPTOR Adhesion Promoter	15.2 oz (450ml) can	12.4 oz	6



RAPTOR ACID ETCH PRIMER

Phosphoric acid ester formula promotes paint adhesion to difficult substrates like galvanized steel and aluminum. Ideal for rub throughs prior to the application of color and new bare metal panels. Etch and prime in one step! Flat fan high atomization nozzle offers large fan pattern and excellent coverage. Creates an anti-corrosive barrier that prevents steel from rusting. Can be directly topcoated – no sanding required. The equivalent product in the U-POL aerosol line is UP0741V ACID#8 Etch Primer. UP0776 ACID#8 Acid Etch Primer is also available in a liter can for National Rule markets.

PART#	DESCRIPTION	PACKAGING	NET FILL	CASE QTY
UP5023	RAPTOR Acid Etch Primer	15.2 oz (450ml) can	13.2 oz	6



2K RAPTOR ANTI-CORROSIVE EPOXY PRIMER AEROSOL

Further extends protective and anti-corrosive properties of RAPTOR. Improves adhesion to bare metal and most other prepared surfaces like aluminum and galvanized. Four-day pot life once activated. Compatible with all standard waterborne and solvent-based coatings.

PART#	DESCRIPTION	PACKAGING	NET FILL	CASE QTY
UP4842	RAPTOR 2K Epoxy Primer-Beige	15.2 oz (450ml) can	14.1 oz	6



2K RAPTOR ANTI-CORROSIVE EPOXY PRIMER KIT

Contains a blend of anti-corrosive additives to help inhibit rust and has excellent salt spray resistance. Improves adhesion to bare metal and prepared surfaces. Can be applied directly to rust, and as a wet-on-wet application. One Liter Kit covers approximately 60 square feet of coverage at 3 mil build.

PART#	DESCRIPTION	PACKAGING	VOC	CASE QTY
UP4830	RAPTOR 2K Epoxy Primer Kit – Gray	5 Liter Kit	US National Rule	1
UP4831	RAPTOR 2K Epoxy Primer Kit – Gray	1 Liter Kit	US National Rule	8

CERTIFICATIONS & TEST RESULTS

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

1. ANTI-SLIP

Accredited ASTM E303-93 and BS 7976-2
(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 RAPTOR Anti-Corrosive Epoxy Primer test
completed at >1000 hours according to ASTM protocols
(B117) at an independent laboratory

5. CHIP RESISTANCE

ASTM D3359-09E2

6. IMPACT RESISTANCE

ASTM D2794-93(2010)

7. TABER ABRASION RESISTANCE

ASTM D4060-14

CHEMICAL RESISTANCE

- ASTM D1308
- Diesel
- NaOH
- Gasoline
- Hydraulic Oil
- Xylene
- Alcohol
- Bleach
- Animal Urine
- 10% Hydrochloric Acid
- 10% Sulfuric Acid
- 85.5% Phosphoric Acid



COATING REGULATIONS

Coatings regulations differ by country, industry, and application. Please consult your local regulations for VOC compliance and **ensure applications also comply with local legislations.**

RAPTOR®

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