

FEATURES

- Cures thick & flexible to withstand chipping & abrasion – it's **TOUGH!**
- Touch-ups are easy and blend seamlessly with existing surface.
- RAPTOR traction additive provides an easy to create anti-slip surface ideal for decks, walkways and ladders.
- Easy to tint using compatible gel coat pigments.
- Easy to apply: spray, roller, or brush.
- High UV resistance.

RAPTOR LAB TEST RESULTS:

- 1. ANTI-SLIP**
Accredited BS 7976-2 and ASTM E303-93 (when used with RAPTOR Traction)
- 2. FLAMMABILITY**
FMVSS 302, ISO 3795, 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 D3170/D3170M-14
- 6. IMPACT RESISTANCE**
ASTM D2794-93(2010)
- 7. TABER ABRASION RESISTANCE**
ASTM D4060-14
- 8. CHEMICAL RESISTANCE**
ASTM D1308
Diesel, NaOH, Petrol, Hydraulic Oil, Xylene, Alcohol, Bleach, Horse Urine, 10% Hydrochloric Acid, 10% Sulphuric Acid, 85.5% Phosphoric Acid

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

RAPTOR IS SUITABLE FOR ALL MARINE APPLICATIONS



FAQ

RAPTOR IN USE

Q: How can RAPTOR be applied?

A: RAPTOR can be applied using a spray gun, paint brush or solvent resistant rollers - open cell rollers for a textured finish, closed cell rollers for a smooth finish.

Q: What area will RAPTOR cover?

A: One RAPTOR 4 Bottle Kit will cover approximately 12 sq metres at recommended film build (3 sq metres / litre).

- Rolled with a smooth roller- 7.4m2/litre – 55 micron DFT
- Rolled with a textured roller- 5.7m2/litre- 75 micron DFT
- Applied with a 2.0m HVLP Gun- 7.4m2/litre- 55 micron DFT
- Applied with a Shutz Gun – 3m2/litre- 150 micron DFT

For maximum durability we recommend 1 medium and one light (texture coat) via a shutz gun which delivers a peak dry film build of 330 micron DFT.

Lower film build will reduce durability.

For roller application we currently suggest 2-3 coats as this should deliver adequate durability.

Q: Is RAPTOR completely water resistant?

A: RAPTOR is a water resistant coating once fully cured and can be used for many marine applications. Let RAPTOR cure completely for approximately 72 hours before immersing in water.

RAPTOR is suitable for rectifying a multitude of problems, like crazing, pitting and scratches. Before applying RAPTOR, sand the crazed gel coat with P100-P120 grit abrasive. If needed, repair the damaged gel coat with FIBRAL (FIBL/2) or SMC bonding filler (SMCB/2 - black or SMCW/2 - white).

Q: How long do I need to wait before RAPTOR is exposed to rain or water?

A: Do not allow RAPTOR to come in contact with water for at least 72 hours.



Please visit www.raptordiy.com.au for more FAQs.



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TOUGHEN UP! RAPTOR

RAPTOR

TOUGH PROTECTIVE MARINE COATINGS



www.raptordiy.com.au

RAPTOR

RAPTOR is an innovative and tough protective coating perfect for marine applications.

RAPTOR is an industrial 2K polyurethane coating originally designed for professionals, but due to its ease of use is perfect for DIY. Developed by U-POL (UK), RAPTOR has evolved from 75-years manufacturing high quality coatings, fillers, and ancillary products for automotive, industrial, and marine applications.

APPLICATION AREAS

Engine bays



Decks

Gunnels

Freeboard

Canopy

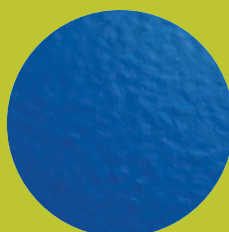


Transom

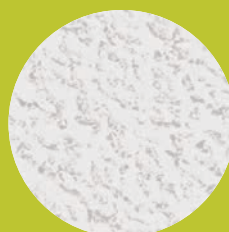
Bilge

Keel

Any areas that need further protection or anti-slip. Although RAPTOR is suitable for submerging in water - we recommend an anti-foul coating for any areas below the water line.



SMOOTH FINISH



SLIP-RESISTANT FINISH
BS 7976-2

THE RAPTOR MARINE PRODUCT RANGE

RAPTOR is ideal for any size of application. Suitable to be used with spray guns, roller kits, paint brush and aerosol applications.

4-Bottle Kit

Contains 4 X 0.71L of RAPTOR, 0.95L of hardener and a measuring cup - Typical coverage: 12m² per 4 bottle kit.

1-Bottle Kit

Contains 0.71L of RAPTOR and 0.24L of hardener - Typical coverage: 3m² per one bottle kit.

Raptor 2K Aerosol

400ml. Typical coverage: 1.35m² per can



RLB/S1
RLT/S1



RLB/S4
RLW/S4
RLT/S4



RLB/AL
RLW/AL

RAPTOR PRIMERS AND PROMOTERS:



RPTEP/AL

ACID ETCH PRIMER

Etch and prime bare metal in one step. RAPTOR Etch Primer is a phosphoric acid etch formula for ensuring paint adhesion to difficult substrates like galvanized steel, and aluminium. Ideal for rub throughs in primer prior to application of colour and new bare metal.



RPTAP/AL

ADHESION PROMOTER

Ensures paint adheres to most substrates including plastics, aluminium, steel, galvanized steel, fibreglass, and composites. Improves adhesion to hard to sand areas. Can be top coated with most water or solvent based paints.



REP/AL

ANTI-CORROSIVE 2K EPOXY PRIMER

High performance primer for treating bare metal providing adhesion for a wide range of fillers and topcoats while also providing exceptional anti-corrosion protection. Does not absorb moisture and encapsulates steel providing a water-resistant barrier. Available in 5 litre, 1 Litre, and aerosol packs.

RAPTOR TRACTION:

Slip resistant additive. It can be added directly into RAPTOR Tough and Tintable Protective Coating bottles prior to spraying. RAPTOR TRACTION is packaged in a convenient 200g resealable bag and will fill one bottle of RAPTOR for a typical slip-resistant application.

The use of RAPTOR TRACTION with RAPTOR produces a slip resistant surface as defined by BS 7976-2).



RLTRC/SM

ROLLERPACK:



ROLLERPACK

Associated Products:

The U-POL product range includes a wide range of compatible fillers and fiberglass repair kits perfect for marine applications.



FIBRAL



FASTGLAS



SMC