

RAPTOR RUBBERIZED UNDERCOATING



DRIVING SURFACE PERFECTION

Version: 1.0 Date of issue: 14/03/2024



TECHNICAL DATASHEET

RAPTOR Rubberized Undercoating

A textured, rubberized finish that protects surfaces such as underbodies and wheel well from stone chips, salt spray, moisture and rust. Its 1K heavy duty formulation gives superior adhesion, and provides a durable, abrasion resistant finish which acts as a protective barrier against stone damage and corrosion. It's perfect for hard to reach areas and when used can also help dampen road noise.

Product: RAPTOR Rubberized Undercoating	Order Code UP4840	Format 15oz Aerosol	Shelf Life: 5 Years
--	-----------------------------	-------------------------------	-------------------------------

APPLICATION INFORMATION



FOR PPE
RECOMMENDATIONS
REFER TO SDS

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.



Surface Preparation



Substrate

Bare metal
Painted or glossy surfaces

Abrasion

P180 - P240
P400 – P600

For best results, good preparation is essential. Start by removing any loose paint or rust. Clean and degrease removing dirt, oil, grease and wax with cleaning solutions. Abrade with grit sandpaper as stated above for each respective substrate. Always mask off surrounding areas as needed to protect from overspray.

Not suitable for use on surfaces that when heated exceed 200°F.

Priming

On plastic surfaces use: U-POL Multi-Surface Adhesion Promoter
On aluminum and galvanized metal use: U_POL Etching Primer

Mixing



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

Instructions

1. Start by removing any loose paint or rust. Clean the surface thoroughly to remove all dirt and grease. Allow to dry.
2. Mask off any areas as needed.
3. For best results on bare metal, sand the surface with P180-240 sandpaper and apply 1-2 light even coats of U-POL Etching Primer. Allow to dry for 20 minutes before overcoating. For best results on plastics apply U-POL Multi-Surface Adhesion Promoter. Lightly sand any painted surfaces with P400-P600 grit sandpaper and clean again.
4. Shake the can vigorously for a minimum of 2 minutes.
5. Use in well ventilated areas and always wear safety goggles and rubber gloves when spraying.
6. Spray approximately 10" from the surface, and apply with a steady, even motion. Apply 2 coats allowing 1-2 minutes between coats.
7. When finished, clean the nozzle by turning the can upside down and spraying towards a disposable object until only clear gas is released. Wipe off any excess paint from nozzle using lacquer thinners. Do not stick pins into the nozzle.

Application



Application Temperature
Distance from the surface

20°C / 70 °F
25cm / 10 inches

Number of Coats

2

Flash-off At 70 °F

1-2 minutes between coats

Theoretical Coverage @ indicated DFT*

0.9 m²/unit / 29.8 ft²/unit

*Theoretical Coverage assuming total dry film thickness is attained at 100% transfer efficiency.

RAPTOR RUBBERIZED UNDERCOATING



DRIVING SURFACE PERFECTION

Version: 1.0 Date of issue: 14/03/2024



TECHNICAL DATASHEET

Drying Time



PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.

Touch Dry at 70°F 30 minutes
Dry-Through at 70°F overnight

Allow to dry at least 4 hours before overcoating

TECHNICAL INFORMATION

Physical properties



Appearance Aerosol.
Color Black
Density 0.855 g/cm³

VOC Information



Maximum Incremental Reactivity (MIR) 0.67
MIR EPA Aerosol Category Not applicable
MIR CARB Aerosol Category Flexible Coating - Specialty Coatings (A) - FXC 1.6

As Packaged Regulatory VOC
As Packaged Actual VOC
As Applied Regulatory VOC 656 g/l (5.5lbs/gal)
As Applied Actual VOC 536 g/l (4.5 lbs/gal)
Percent Solids 17.34 wt%
Percent Solids 10.98 vol %
Volatiles 82.7 wt%
Water Content 0 wt%
Water Content 0 vol %
Exempt Compounds by weight 20.0 wt%
Exempt Compounds by volume 18.3 vol %
% EPA HAPS 9.1 wt%

Storage



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 maximise 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.

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed. Keep cool. Keep only in original container.

Recommended storage temperature 41 °F - 77 °F

Associated Products



Product	Order Code	Format
RAPTOR Etching Primer	RPTEP/AL	450ml Aerosol
RAPTOR Adhesion Promoter	RPTAP/AL	450ml Aerosol

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 stockist 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. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.

For additional technical assistance, please contact the U-POL Technical Department at technicalsupport@u-pol.com

U-POL US Inc
 50 Applied Bank Blvd., Suite 300 Glen Mills
 PA 19342 - United States
 T (610) 746 7081
technicalsupport@u-pol.com - www.u-pol.com