

RAPTOR®

TOUGH & TINTABLE PROTECTIVE COATING

APPLICATION GUIDE - RECOMMENDED PROCEDURE

RAPTOR® TOUGH AND TINTABLE PROTECTIVE COATING

RAPTOR® is for use over the following substrates:

- OEM Paint
- Primed Metal
- Primed Aluminium
- Primed Galvanized
- Fiberglass / SMC
- Wood
- Concrete

Process tools required:

- RAPTOR® Kit: RLB/S1, RLT/S1
- Eye Glasses
- Respirator
- P80-P180 grit sand paper
- Refinish pads
- ACID#8™: ACID/AL, ACID/1
- U-POL Applicator Gun: GUN/1 (unless rolling)



CLEAN SUBSTRATE

Remove all loose material. Clean and degrease surface. We recommend using U-POL SYSTEM 20 degreasers (S2001/5 or S2002/5).



SAND SUBSTRATE

Sand surface with P80-P180 grit paper, use red scuff pad for difficult to sand areas. Re-clean the surface. RAPTOR® can be directly applied over painted surfaces that have been cleaned and sanded.



PRIME SURFACE

Spot prime any areas where bare metal has been exposed in Step 2. Bare metal, aluminium or galvanized surfaces must be primed with an etch primer like ACID#8, or a DTM epoxy or urethane primer in accordance with manufacturer's recommendations.



MIX RAPTOR™

RAPTOR® has a 3:1 mix ratio. RAPTOR® bottles come pre-filled with 750 ml of RAPTOR® coating. Pour 250 ml of the RAPTOR® hardener into the bottle or combine RAPTOR® and hardener at a 3 parts RAPTOR® to 1 part hardener ratio in a separate container.



SHAKE

Shake bottle or stir (if mixing in separate container) for 2 minutes to thoroughly mix the product.



SHOOT

Attach applicator gun to bottle. Adjust supplied air pressure to 63-77 psi depending on desired texture. At a distance of 45-150cm, apply to the prepared surface in a sweeping motion to obtain desired texture. Pot life: approximately 60 minutes. We recommend using U-POL Schutz Gun (GUN/1).



ADDITIONAL COATS

2 or 3 light coats are better than one heavy coat. If applying more than one coat, allow RAPTOR® to flash 60 minutes between coats. If more than 5 hours between coats, allow it to set overnight, lightly scuff and apply additional coat(s).



TOP COATING

RAPTOR® can be over painted with most modern paint systems. Allow RAPTOR® to dry for 24 hours, scuff with fine scuff pad, clean, apply top coat or clear coat if desired. We recommend using SYSTEM 20 clearcoats.



DRY TIMES

Dry to Touch: 1 hour.
Light Duty Use: 2-3 days.
Heavy Duty Use 7 days.



EQUIPMENT CLEAN UP

Clean gun, equipment and over spray with lacquer thinner or other acetone based solvents before RAPTOR® is fully cured.