

RAPTOR®

4:1 ANTI-CORROSIVE EPOXY PRIMER

RECOMMENDED APPLICATION PROCESS GUIDE



Personal Protective Equipment:

- Safety glasses
- Protective gloves
- Air-fed mask or a respirator suitable for paint application
- Disposable paint overalls



PREPARATION - RUST REMOVAL

Remove all loose and flaky material. For light corrosion, hand sanding or power tool sanding (i.e. SSPC-SP3 (SSI-St3)) is sufficient to prepare the surface. For heavily oxidized/rusted metals, severe exposure conditions or warranty work, the surface should be sandblasted to Near White sand blasting standard (SSPC-SP10 (SSI-SA2.5)) (up to 15% stains/shadows).



DEGREASING

Degrease using U-POL System 20 Solvent Based Degreaser (UP2012/UP2022) or Water Based Degreaser (UP2002) in a pump bottle and wipe using a panel wipe cloth.



SANDING

Sand the surface with P80-P220 sandpaper for mechanical adhesion of the primer. Refer to the Technical Data Sheet for prep instructions for specific substrates. Degrease again and dry thoroughly.



MIXING RAPTOR EPOXY PRIMER

Mix 4:1 by volume 4 parts Raptor Epoxy Primer with 1 part of the included Raptor Epoxy Primer Hardener.

Raptor 4:1 Anti-Corrosive Epoxy Primer is only compatible with the included Raptor 4:1 Anti-Corrosive Epoxy Primer Hardener.



EPOXY PRIMER APPLICATION

Use an HVLP Gravity Feed Spray Gun at 30 PSI with a 1.4-1.8mm gun tip. You can also apply with a roller or brush. Apply 2-3 coats allowing 10 minutes flash off between coats. Topcoat with Raptor Protective Coating in as little as 60 minutes or as long as 7 days without the need to resand Raptor Epoxy Primer.



MIXING RAPTOR BEDLINER

Mix 3:1 by volume 3 parts of Raptor with 1 part Raptor Hardener. Shake the bottle for 2 minutes to thoroughly mix the product.



APPLICATION

Attach the UP0726 Raptor Schutz Spray Gun to bottle. Adjust supplied air pressure to 35-60 PSI depending on desired texture. Apply at a distance of 18-30" in a sweeping motion to create the desired texture. Apply 2-3 medium coats with 60 minutes flash off between coats.



DRY TIMES

Touch Dry: Less than 1 hour @ 68°F or 30 mins @ 140°F Oven Bake Force Dry

Through Dry: 5-7 days @ 68°F

PROCESS TOOLS REQUIRED

Step	Part Number	Description
3 5	UP2002/UP2012/UP2022	Water Based or Solvent Based Degreaser
	UP4830/UP4831	Raptor 4:1 Anti-Corrosive Epoxy Primer
6	UP0820(V/)	Raptor Bedliner 4L Kit
7	UP0726	Raptor Schutz Spray Gun