

Urethane Primer Surfacer

A premium acrylic urethane primer surfacer designed as a high build easy sanding primer surfacer that resists sand scratch swelling and shrinkage. 2K Urethane Primer has excellent adhesion and flex properties. The resins utilized in this formula offer excellent color holdout and are ideal for urethane top coats and base coat clear coat systems.



Part #	Description	Size
8441	Urethane Primer- Buff	Gallon
8442	Urethane Primer- Buff	Quart
8443	Urethane Primer- Gray	Gallon
8444	Urethane Primer- Gray	Quart
8141	Urethane Primer Standard Catalyst	Quart
8142	Urethane Primer Standard Catalyst	1/2 Pint
8143	Urethane Primer FAST Catalyst	Quart



Substrates

- Fully cured finishes - Sand with 240 - 320 grit paper
- Steel, Galvanized & Aluminum - Sand with 80 - 180 grit paper
- Fiberglass & SMC - Sand with 150 - 240 grit paper
- Always clean surface prior to application with 5900 or 5910 wax & grease remover.



Mixing

Full Body Primer

4 parts Urethane Primer
1 part Urethane Catalyst

Medium Build Primer

4 Primer
1 Catalyst
1/2 Urethane Reducer

Sealer

4 Primer
1 Catalyst
2 Urethane Reducer



Set up Tech Info

Tip/Needle:	1.5mm to 1.8mm
Spot Air Pressure:	35 - 45 psi / HVLP 5 to 10 psi at cap
Overall Air Pressure:	45 - 55 psi / HVLP 5 to 10 psi at cap
Viscosity (#2 Zahn)	High Build 20-25 sec.
Film Build:	2.5 - 4.5 mils
Coverage:	555 @ 1 mil
	Sealer 16-18 sec.
	0.8 -1.2 mils
	308 @ 1 mil



Application

Apply 2 to 3 medium wet coats to fill sand scratches, minor imperfections, and build low areas. Allow 10-15 minutes between coats. As a sealer apply 1 full wet coat.



Drying

Sand	Standard Catalyst 2-4 hours	Fast Catalyst 1 -2 hours
Recoat	Cure 3 hours before recoating with additional primers, sealers or color topcoat. Recoat within 12 hours.	
Pot Life	3 - 4 hours	



Physical Data

Volume Solids RTS	34.6% @ 4:1	19.21% @ 4:1:2
VOC RTS:	4.8 lb./g as primer	5.8 lb./g as sealer
Humidity Resistance:	Excellent	
Salt Spray Test:	Excellent	
Lead & Chromate Levels	Lead & Chromate Free	



Master Tips

If shop or substrate temperature is below 60°F, urethane accelerator recommended. Curing process of isocyanate products are severely inhibited below 60°F. Primer should be recoated or topcoated within 12 hours. If not topcoated within 12 hours, sand with 500 grit paper before recoating with primer, sealer, or color topcoat. Retarders - Recommended only in severe heat and humidity. Flex Agent - Recommended when repairing flexible substrates OFF the vehicle.