



4951-01/5911-04 2K Acrylic Urethane Primer

TECHNICAL INFORMATION

Technical Data:

Appearance: Light Gray

% Solids: 50% RTU

V.O.C.'s: 4.25 #/gal, 510 (g/l)
As packaged.
4.60 #/gal, 552 (g/l)
Ready to Spray

Shelf Life: One year (unopened)

Activators: 5911-04 2K Acrylic Urethane Activator

Mix Ratio: 4:1:1
Four parts primer
to one part activator to
one part reducer.

Reduction: Urethane Grade
Reducer Suitable for
shop conditions.
*The use of reducers will
increase V.O.C. levels.*

Pot Life: 2-3 hours @ 70°F
(21°C), 50% RH

Coverage: 497ft² @ 1 mil

Product Use:

4951-01 Acrylic Urethane Primer 4:1 (GRAY) is an acrylic urethane primer surfacer. It sands easily wet or dry and can be directly topcoated with alkyd enamels, acrylic enamels, lacquers, acrylic urethane enamels and base coat/clear coat systems.

Suitable Substrates:

4951-01 will provide adequate adhesion and corrosion protection when applied directly over bare steel, however, for larger areas, we recommend pretreatment with an etching or epoxy primer.

- Aluminum and galvanized metal: Must be pretreated with an etching or epoxy primer.
- OEM and Refinish Paints: Must be cured and sanded.
- OEM and Refinish Lacquers: Must be sanded. Not recommended for spot repairs over lacquers, as lifting may occur.
- Body Filler: must be sanded.
- Fiberglass and SMC: must be sanded.

Application & Instructions:

Apply 2-3 medium wet coats (1.5-2.5 mils per coat.) Allow primer to flash 5 minutes between coats.

For use as a primer: Mixing ratio is 4:1:1. Mix four parts 4951-01 to one part activator (#5911-04) to one part urethane grade reducer (such as Transtar's #6701, 6711, 6721) appropriate to the temperature.

Dry Times: At 77°F and 50% Relative Humidity:

Temperature	Dry to Sand
Below 60°F	Significantly extended
60°F - 70°F	2-3 hours
70°F - 80°F	1 1/2 - 2 1/2 hours
80°F - 100°F	1 - 2 hours
120°F (Force dry)	40 minutes
140°F (Force dry)	30 minutes

Spray Gun Set Up:

Gun Type	Pressure @ Gun	Fluid Tip (mm)
Gravity Feed	35-45 PSI	1.60-1.80
HVLP Gravity	10 PSI (max. aircap)	1.60-1.80
Siphon Feed	40-50 PSI	1.60-2.00

Sanding/Topcoating:

Wet sand with 400 grit and final sand with 500/600 grit; or dry sand with 220 grit and finish with 320 grit sandpaper. Follow topcoat manufacturer's instructions for proper sanding and application techniques.

NOTE: When priming over lacquer, it is recommended to coat the complete panel.

Availability:

4951-01 2K Acrylic Urethane Primer, gallon (3.78 L), 2/case
5911-04 2K Acrylic Urethane Activator, quart (0.946 L), 4/case

Regulatory Information:

The information contained on this data sheet is believed to be accurate at the time of printing. However, regulations concerning V.O.C. levels are subject to change from time to time. Consult with your local regulatory office for the most current regulations.

(Refer to Material Safety Data Sheet for proper use of products listed in this bulletin.)

