

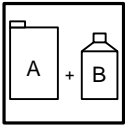


# 301

## Acrylic Polyol-Urethane Topcoat

### DESCRIPTION

Genteel Coatings 301 topcoat is a two component, Acrylic Polyol Urethane. This urethane topcoat is designed to provide excellent UV protection and long-lasting durability for Aviation, Transportation, including Marine applications applied above the water line. 301 topcoats offer excellent abrasion and moisture resistance with exceptional gloss, distinctiveness of image and color retention.



### Mix Ratio:

3 parts	301 Component A (color)
1 part	3065, 3075 or 3085
10 -15%	465, 475 or 485 Urethane Thinner



### Application:

Recommended Film Thickness per coat - 2.0 -3.5 mils dry  
Method – Conventional, HVLP or Airless Spray  
Thinner - Urethane Thinner



### Flash/Dry Times (Air Dry):

Flash Between Coats:	10 minutes
Dust Free:	20 minutes
To handle	2-4 hours
To recoat	4-6 hours, overnight preferred
Time to Assemble	Overnight
Time to Deliver	Overnight

### Pot Life

3 Hours @ 77°F



### Polishing:

Optimum Times:	<i>Air Dry:</i> Overnight @ 75°F.
Sanding:	Use 1500 grit or finer or use 1500 DA or finer
Compounding:	Use finishing compound. Apply a thin ribbon of material to the area to be polished. Use a double sided wool pad or a foam pad. Maintain air polisher or variable speed polisher at 1800-3000 rpm. Remove excess finishing compound with a clean soft cloth prior to applying finishing polishing



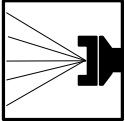
## Gun Setups:

### *Conventional*

Siphon Feed:	1.3 mm – 1.6 mm (0.050" – 0.063")
Gravity Feed:	1.3 mm – 1.6 mm (0.050" – 0.063")

### *HVLP*

Siphon Feed:	1.3 mm – 1.6 mm (0.050" – 0.063")
Gravity Feed:	1.3 mm – 1.6 mm (0.050" – 0.063")



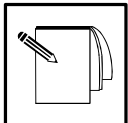
## Air Pressures:

### *Conventional*

Siphon Feed:	45-55 psi at the gun
Gravity Feed:	45-55 psi at the gun

### *HVLP*

8-10 psi at the gun



## Technical Data & Physical Properties:

<i>Mix Ratio</i>	3:1	<i>Viscosity (RTS)</i>	19-21 sec
<i>Theoretical Dry Film</i>	339 ft <sup>2</sup> @ 2 Mils	<i>Pencil Hardness</i>	H-2H
<i>Color &amp; Gloss Retention</i>	Excellent	<i>Volume Solids</i>	47 ± 1.0% mixed
<i>Humidity Resistance</i>	Excellent	<i>Weight Per Gallon</i>	9.8 ± 0.2 lbs.
<i>Solvent Resistance</i>	Excellent	<i>Gloss 60°/20°</i>	95 / 78
<i>Repair ability</i>	Excellent	<i>Flash point</i>	76°- 82°F
<i>Florida Exposure</i>	Excellent	<i>Pot Life @ 77°F</i>	4 hours
<i>Chip resistance</i>	Excellent	<i>V.O.C.</i>	3.5 lb

Shelf Life - 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to inspection thereafter).

**Limitations:** Apply in good weather when air and surface temperature are above 50°F and surface temperature is at least 5°F above the dew point. Humidity must be below 90%. Conditions should be within these limits for the full curing time of the coating. Conditions of high humidity and/or low temperatures, especially with moisture condensing on the uncured paint film, will adversely affect the curing and gloss of the coating. For optimum application properties, material should be between 70°F to 90°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40°-100°F.



## Safety:

Read all directions, safety warnings and MSDS before using any Genteel Coating products.

**For use by professionally trained painters only. Not for sale or use by the general public. Keep out of reach of children.**

### LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Genteel Coatings warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Genteel Coatings will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Genteel Coatings and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.