

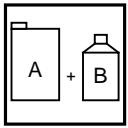


# 1400

## Universal Clear

### DESCRIPTION

Genteel Coatings 1400 is a two-component water white acrylic polyurethane clear, designed as High value 2K medium solids clear, with a flexible dry time and a competitive price, this is a great choice when budget and quality are equally important. This 4:1 clear can be polished after 4 hours air dry and 60 minutes when baked at 120F. 1400 has great distinctiveness of image (DOI) and lasting durability.



### MIXING DIRECTIONS: 4:1

4 parts	1400 Clearcoat
1 part	1447 Medium 1448 Slow
Reduction	5 - 10% GC Urethane Reducer



### Application:

- 1) Follow manufacturer's recommendations for applying their basecoat system.
- 2) Allow Base Coat a flash time of 15-30 minutes before applying clearcoat.
- 3) Apply 2 medium coats of 1400 Clearcoat. Allow 5-10 minutes flash time between coats.



### Flash/Dry Times (Air Dry 77°F):

Flash Between Coats:	5-10 minutes
Dust Free:	20 minutes
Time to Assemble	6-8 hours
Time to Polish	3-4 hour
Time to Stripe	12 hours
Time to Deliver	8 hours
Time to Decal	48 hours

### Flash/Dry Times (Bake @ 120°F):

Time to Assemble	2 hours
Time to Polish	2 hours
Time to Stripe	12hours
Time to Deliver	6 hours
Time to Decal	12hours



## Polishing:

- Optimum Times: Air Dry: 4 hour @ 77°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



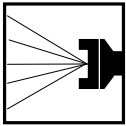
## Gun Setups:

### Conventional

- Siphon Feed: 1.5 mm – 1.7 mm (0.059" – 0.067")
- Gravity Feed: 1.4 mm – 1.6 mm (0.055" – 0.063")

### HVLP

- Siphon Feed: 1.6 mm – 1.7 mm (0.063" – 0.067")
- Gravity Feed: 1.4 mm – 1.6 mm (0.050" – 0.063")



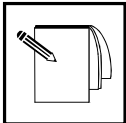
## Air Pressures:

### Conventional

- Siphon Feed: 25-35 psi at the gun
- Gravity Feed: 25-35 psi at the gun

### HVLP

6-8 psi at the gun



## TECHNICAL DATA & PHYSICAL PROPERTIES:

<i>Color</i>	Clear	<i>Viscosity (RTS)</i>	18-19 sec
<i>Pot Life</i>	3 hours	<i>Mix Ratio</i>	4:1
<i>Theoretical Dry Film</i>	480 ft <sup>2</sup> @ 1 Mil	<i>Weight Solids (RTS)</i>	35.0 %
<i>Color &amp; Gloss Retention</i>	Excellent	<i>Volume Solids (RTS)</i>	33.0 %
<i>Humidity Resistance</i>	Excellent	<i>Weight Per Gallon</i>	8.0 lbs. (avg)
<i>Solvent Resistance</i>	Excellent	<i>Chip Resistance</i>	Very Good
<i>Repair ability</i>	Excellent	<i>Flash point</i>	<25°F.
<i>Florida Exposure</i>	Excellent	<i>Package V.O.C.</i>	3.09 # / gal
<i>Chip resistance</i>	Excellent	<i>RTS V.O.C.</i>	3.3 # / gal



## Safety:

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

**For professional use only by trained painters. Not for sale or use by the general public.**

**Genteel Coatings, LLC North Port, FL**

[www.genteelcoatings.com](http://www.genteelcoatings.com)