



## C-300 QUICK DRY CLEAR

### PRODUCT DESCRIPTION:

C-300 QUICK DRY CLEAR is a new generation Acrylic Urethane Clearcoat. C-300 is a premium clear coat that is easy to spray and is compatible with all hydrographic and automotive paint systems. C-300 is specifically designed for spot work or working on smaller items to increase shop productivity. This clear coat can air dry in 90 minutes at 72°F and be able to be buffed or delivered to the customer. Bake 10 minutes @ 120°F for greater productivity if needed

### FEATURES:



- Premium resin system
- Clear color - no yellowing
- Extra gloss and depth of image
- Compatible with all hydrographic and automotive paint systems
- Excellent cure through time
- Excellent gloss retention and durability

### • RECOMMENDED SUBSTRATES:

1. All hydrographic and automotive paint systems

### MIXING INSTRUCTIONS - 3:1:10%

3 parts - C-300 Quick Dry Clear

1 part - C-610 (Fast), C-620 (Medium), C-630 (Slow) Activator.

10% - R-101/R-102/R-103 Urethane Reducer.

**NOTE: DO NOT USE ACCELERATOR**

### APPLICATION INSTRUCTIONS:



1. Make sure the base coat is fully flashed as per the manufactures instructions.
2. Mix C-300 according to the mixing instructions.
3. C-300 can be applied in two (2) wet coats with 5 minutes flash between coats.
4. Can be baked at 120 F for 10 minutes.
5. DO NOT WAX FOR 120 DAYS.



**RECOMMENDED SPRAYING INSTRUCTIONS:**



- Conventional gravity 1.3 mm – 1.6 mm (.051' - .063') @ 35 – 45 psi at the gun.
  - Siphon 1.4 mm – 1.8 mm (.055' - .070'') @ 35 – 45 psi at the gun.
  - HVLP 1.0 mm – 1.4 mm (.051' - .055) @ 8 – 10 psi at the gun cap.
  - Open fan adjustment to achieve maximum atomization.
  - Apply each coat with a medium wet coat.
  - Do not apply over 4 coats of clear on a single product unless wet sanding and buffing.
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**AIR DRY TIMES:**



- Flash between Coats: 5 minutes
  - Dust Free: 2 – 5 minutes
  - Time to Handle (Assemble): 1.5 – 2 hours
  - Time to Polish: 1.5 – 2 hours
  - Time to Stripe: 1.5 – 2 hours
  - Time to Deliver: 1.5 – 2 hours
  - Time to Decal: 24 hours
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**FORCE DRY TIMES:**



- Flash between Coats: 5 minutes
- Flash before Force Dry: 0 minutes
- Cycle Time: 10 minutes @ 120°F (booth temp)
- Dust Free: 2 – 5 minutes
- Time to Handle (Assemble): 15 – 20 minutes
- Time to Polish: after cool down
- Time to Stripe: 1 hour
- Time to Deliver: 45 minutes
- Time to Decal: 24 hours

**RECOATABILITY / REPAIR:**

- Can be re-coated up to 2 hours @ 70°F or 1 hour @ 90°F.
- When force dried, wait one hour. If re-coating after 24 hours, sand with 1200 – 1500 grit sandpaper.

**CLEANING:**

Use a good quality lacquer thinner or urethane reducer (LT-01 or R-101/R-102/R-103 Reducer) to thoroughly clean all equipment. Clean equipment immediately after use. Do not allow catalyzed clear to remain in gun longer than two (2) hours.

**TECHNICAL DATA:**

Color	Clear
Pot Life	1 1/2 hours at 70° F
Coverage (theoretical)	655 sq. ft. per Ready-to-Spray gallon at 1 mil
Mix Ratio	3:1:10%
Flash Point	9 F
Recommended Film	2 - 2.4 mil Dry Film Thickness (DFT)
Gloss	Excellent
Solids by Weight	45% +
Solids by Volume	40% +
Sprayable V.O.C.	3.5lbs./gal.
V.O.C.	3.27 lbs./gal. Before activator and reducer