



C-500 HIGH SOLIDS GLAMOUR CLEAR

PRODUCT DESCRIPTION:

C-500 HIGH SOLIDS GLAMOUR CLEAR is a premium quality overall urethane clearcoat. Utilizing European resin technology, this clear produces extra brilliant gloss and depth. C-500 is a medium to high solid product that meets all but California V.O.C. standards when mixed properly. C-500 also works extremely well in hot humid environments as well as down draft baking applications. Uses the same activators as C-300 to keep inventory low.

FEATURES:

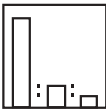


1. Premium overall character
2. Excellent flow, leveling
3. Highest gloss and D.O.I.
4. Apply over most basecoat systems
5. Thoroughly tested for long term durability
6. Easy buffing within 12-72 hours
7. Excellent gloss retention

RECOMMENDED SUBSTRATES:

1. All hydrographic and automotive paint systems

MIXING INSTRUCTIONS - 2:1:1/2



- 2 parts - C-500 Overall Gloss Clear
- 1 part - C-610 (Fast), C-620 (Medium), C-630 (Slow) Activator
- 1/2 parts - R-101 (Fast), R-102 (Medium), R-103 (Slow) Urethane Reducer

APPLICATION INSTRUCTIONS:



1. Make sure the base coat is fully flashed as per the manufactures instructions.
2. Allow 10 minutes flash between coats.
3. Pot life: 3 hours
4. DO NOT WAX FOR 120 DAYS



RECOMMENDED SPRAYING INSTRUCTIONS:



1. Conventional gravity 1.0 mm – 1.6 mm (.051' - .063') @ 35 – 45 psi at the gun.
 2. Siphon 1.4 mm – 1.8 mm (.055' - .070'') @ 35 – 45 psi at the gun.
 3. HVLP 1.0 mm – 1.4 mm (.051' - .055) @ 8 – 10 psi at the gun cap.
 4. Open fan adjustment to achieve maximum atomization.
 5. Apply each coat with a medium wet coat.
 6. Optional: On small jobs one tack coat can be applied followed by one full wet coat with no flash time between coats. Tack coat must be applied evenly for best results.
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AIR DRY TIMES:



1. Flash between Coats: 10 minutes
 2. Dust Free: 10 - 15 minutes
 3. Tack Free: 30 - 40 minutes
 4. Time to Polish: 12 hours - 7 days
 5. Time to Stripe: 24 hours @ 72 F
 6. Time to Deliver: 12 hours @ 72 F
 7. Time to Decal: 24 - 48 hours
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FORCE DRY TIMES:



1. Flash between Coats: 10 minutes
2. Flash before Force Dry: 10 minutes
3. Cycle Time: 30 minutes @ 140°F (booth temp)
4. Dust Free: 10 - 15 minutes
5. Time to Handle (Assemble): 1 hour after cool down
6. Time to Polish: 1 hour after cool down
7. Time to Stripe: 1 hour after cool down
8. Time to Deliver: 1 hour after cool down
9. Time to Decal: 24 - 48 hours



BUFFING AND POLISHING:



C-500 Clear can be wet sanded and buffed between 12 hours and up to 7 days after applying. C-500 should be buffed within 72 hours. Finish will become difficult to buff after 7 days.

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 three (3) hours.

TECHNICAL DATA:



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|-----------------------------|------------------------------|
| Color: | Clear |
| Pot Life: | 3 hours at 75 F |
| Coverage: | 1 mil 600 sq. ft. |
| Mix Ratio: | 2:1:1/2 part (4.4 V.O.C.) |
| Sprayable Viscosity: | 18 sec. #2 Zahn |
| Flash Point: | 76 F TCC |
| Recommended Film Build: | 2.0 - 2.5 Mils DFT |
| Gloss: | 92 Plus |
| Weight Solids: | 44% |
| V.O.C. Sprayable at 2:1:1/2 | 4.4 lb. Per gallon (528 g/l) |