

# DI-52 UNIVERSAL CLEAR

## Technical Data Sheet

### **DESCRIPTION:**

DI-52 Universal Clear is an economical 4:1 mix acrylic urethane clearcoat designed for multi-panel and overall application. 7500 has a slower flash time for easy use on larger jobs. Excellent gloss and durability.

### **PACKAGING:**

▶ DI-52	Universal Clear	1 Gallon / Quart
▶ DI-04	Fast Dry Activator	Quart / 8 oz.
▶ DI-05	Medium Dry Activator	Quart / 8 oz.
▶ DI-06	Slow Dry Activator	Quart / 8 oz.
▶ DI-07	X-Slow Dry Activator	Quart / 8 oz.

### **MIX RATIO:**

▶ 4 Parts	DI-52 Universal Clear
▶ 1 Part	DI-04, DI-05, DI-06, Di-07 Clearcoat Activator

### **BASECOAT:**

- ▶ All Acrylic and Polyester Basecoat Color Systems

### **GUN SETUP:**

- ▶ Conventional Gravity 1.3mm-1.4mm 40-45 psi @ gun
- ▶ Siphon 1.3mm-1.4mm 40-45 psi @ gun
- ▶ HVLP 1.3mm-1.4mm 8-10 psi @ gun

### **APPLICATION:**

- ▶ Apply 2 full wet coats

### **DRY TIMES:**

▶ AIR DRY		
	Flash between coats	10-15 minutes
	Dust Free	15 minutes
	Air Dry	6-8 hours @ 75°F
▶ EXPRESS DRY		
	Flash between coats	10-15 minutes
	Flash before force dry (Purge Time)	10-15 minutes
	Cycle Time	30 minutes @ 140°F

### **BLENDING:**

- ▶ Apply first coat of clearcoat.

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- ▶ Extend second coat of clear past first coat.
- ▶ Mix the remaining clearcoat 1:1 with blending solvent.
- ▶ Apply mixture over the edge of the clear with 50% overlap to melt in the edge.
- ▶ To further melt-in the remaining edge, apply 100% blending solvent with 50% overlap.

## ***RECOATABILITY / REPAIR:***

- ▶ Baked  
After cool down
- ▶ Air Dry  
6-8 hours @ 75°F  
\*If recoating after 24 hours, scuff before applying clearcoat.

## ***SANDING, COMPOUNDING, POLISHING:***

- ▶ OPTIMUM TIMES  
Express Dry: After cool down  
Air Dry: 6-8 hours @ 75°F
- ▶ SANDING  
For dirt removal, lightly denib sand with 1500 / 2000 grit wet sandpaper.
- ▶ COMPOUNDING  
Using a finishing compound apply a thin ribbon of material to the area to be polished. Use a foam compounding or polishing pad. Maintain buffer speed at 1500-2200 rpm. Remove excess compound with a clean soft cloth before applying polish.
- ▶ POLISHING  
Using a finishing polish and a foam polishing pad apply a ribbon of material to work a 2-3 foot square area. Maintain buffer speed at 1200-1800 rpm. Keep the buffer moving at all times. Use a pattern utilizing a 50% overlap. Wipe off excess polish with a clean soft cloth. Hand buff with a clean soft cloth as a finishing touch.

## ***TECHNICAL PRODUCT INFORMATION:***

- ▶ Dust Free 15 minutes
- ▶ Flash Time 10-15 minutes
- ▶ Tack Free 30 mins. @ 75°F
- ▶ Purge Time 10-15 mins.
- ▶ Bake 30 min. @ 140°F
- ▶ Air Dry 6-8 hrs. @ 75°F
- ▶ Pot Life: 5 hours @ 68°F-75°F
- ▶ Shelf Life: One Year (unopened)

### **Health and Safety:**

See Material Safety Data Sheet and labels for additional safety information and handling instructions.

- \* The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and MSDS's of all components, since the mixture will have the hazards of all its parts.
- \* Improper handling and use, for example, poor spray technique, inadequate engineering controls and or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- \* Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- \* Provide adequate ventilation for health and fire hazard control.
- \* Follow company, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- \* Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.
- \* Always observe all applicable precautions and follow good safety and hygiene practices.
- \* Material Safety Data Sheets are available at [www.medallionrefinish.com](http://www.medallionrefinish.com).

**FOR PROFESSIONAL USE ONLY**

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