



ChromaPremier® 72600S™ Premier Scratch Resistant Clear

Description

ChromaPremier® 72600S™ Premier Scratch Resistant Clear is a high-solids, three-component urethane clear that delivers unsurpassed appearance, scratch & mar resistance for premium-quality panel, multi-panel and overall repairs. It provides outstanding application characteristics, using temperature-specific reducers for exceptional application latitude.

General Information

Components



- ChromaPremier® 72600S™ Premier Scratch Resistant Clear
- ChromaPremier® 12305S™ Activator
- ChromaPremier® 12365S™ Fast Reducer
- ChromaPremier® 12375S™ Medium Reducer
- ChromaPremier® 12385S™ Slow Reducer

	75° F	85° F	95° F or above
Panel	ChromaPremier® 12365S™	ChromaPremier® 12375S™	ChromaPremier® 12385S™
Multi-Panel	ChromaPremier® 12365S™	ChromaPremier® 12375S™	ChromaPremier® 12385S™
Overall	ChromaPremier® 12375S™	ChromaPremier® 12385S™	ChromaPremier® 12385S™

Quick Reference Chart

- Clearcoat for use in baking environment only
- ChromaPremier® Reducer Recommendations
 - ◆ ChromaPremier® 12365S™ and 12375S™ for temperatures up to 95°F
 - ◆ ChromaPremier® 12385S™ for temperatures above 95°F
 - ◆ Do not use ChromaPremier® 12395S™, as it will result in long flash and dry times.
- Mix Ratio: 2:1:10% reduction
- Spray booth temperature: at least 75 – 80°F
- Tip Size: 1.2 – 1.3 mm. Flash between coats: 12 – 15 min
- Standard Bake: 140°F for 30 minutes
- Buffable the next day
 - ◆ 2000 grit sandpaper is ideal for dirt speck removal before buffing.
 - ◆ Optionally refine scratch with 3M® Trizact® 3000 System for easier scratch removal.
 - ◆ Lower grit sandpapers could give deep sand scratches that are difficult to remove.
 - ◆ Use wool pad for sand scratch removal and foam pad for polishing.

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Mix Ratio/Viscosity

Combine the components by volume or weight, then mix thoroughly.

	Volume	Weight (cumulative qt.)
ChromaPremier® 72600S™	2	567.2 grams
ChromaPremier® 12305S™ Activator	1	858.6 grams
ChromaPremier® 12365S™ Reducer	10%	932.5 grams

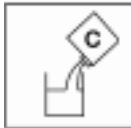
Viscosity

15 - 17 seconds in a Zahn #2 (DuPont M-222) cup.



Pot Life

90 minutes at 70° F (21° C)



Additives

Fish Eye Eliminator: DuPont 659S™ Additive ([silicone free] use 0.5 to 1.5 oz per ready-to-spray quart), or DuPont 459S™ Anti-Cratering Additive (use 0.25 to 0.5 oz per ready-to-spray quart).

Retarder: Not required.

Accelerator: Use of Master-Tint® 389S™ may lead to dieback.



Basecoats

ChromaPremier® Basecoat

ChromaBase® Basecoat



Application

Surface Preparation

For application over a properly prepared basecoat repair:

- Mask the entire vehicle to protect from overspray.
- Allow basecoat to dry 15 - 30 minutes prior to clearcoat application.
- Extend basecoat flash to 30 minutes when applying several base color coats, tri-coat colors, or in cooler shop conditions.



Gun Setups*

Conventional

Siphon Feed: 1.2 mm - 1.3 mm* (.047" - .051")

Gravity Feed: 1.2 mm - 1.3 mm* (.047" - .051")

HVLP

Siphon Feed: 1.2 mm - 1.3 mm* (.047" - .051")

Gravity Feed: 1.2 mm - 1.3 mm* (.047" - .051")

* These numbers refer to the actual tip size of the spray gun in millimeters. Some gun manufacturers represent tip sizes in other measurement units.

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Air Pressure

Conventional

Siphon Feed: 50 - 55 psi @ the gun.

HVLP

Gravity Feed: 45 - 55 psi @ the gun.
9 - 10 psi @ the gun cap.



Flash/Dry Times

Force Dry

Flash between Coats: 15 - 20 minutes.
Flash before Force Dry: None.
Cycle Time: 30 minutes @ 140° F
Dust Free: At cool down.
Dry to Touch: At cool down.
Time to Handle (Assemble): next day
Time to Polish: next day
Time to Stripe: next day.
Time to Deliver: next day
Time to Decal: After 72 hours.



Polishing

Optimum Times

Force Dry: 4 - 48 hours after cool down.

Sanding, Compounding, Polishing

The optimum technique for removing dirt is as follows:

1. Sanding:
 - Use 2000 grit wet or finer.
 - Optionally refine scratch with 3M® Trizact® 3000 System for better scratch removal.
2. Compounding:
 - Apply a thin ribbon of 3M Extra Cut Perfect-it III rubbing compound to the area that was sanded or contains sandscratches. Use wool pad. Foam pad will not remove sandscratches easily.
 - Maintain air polisher or variable speed buffer at 1400 - 1800 rpm. Remove excess finishing compound with a clean soft cloth prior to applying finishing polish.
 - Use a wool pad and an effective rubbing compound (e.g., 3M Perfect-it II).
3. Polishing:
 - Apply a ribbon of polishing material to the area to be polished.
 - Maintain a variable speed buffer or an orbital polisher at 1400 - 1800 rpm.
 - Use a foam pad and an effective polishing compound. Keep the polisher/buffer moving at all times. Overlap each pass approximately 50%. As finishing polish begins to dry, stop polishing.
 - Wipe off excess finishing polish with a clean soft cloth.

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Tips for Success

- Always use clean water to wet sand and add a few drops of soap to help clear the paper.
- Use clean cloths and pads to insure that the clear does not get scratched with dirt particles from old or re-used cloths or pads.
- Do not wax for the first 120 days after painting.



Cleanup

Clean spray equipment immediately with DuPont Lacquer Thinner.

Physical Properties

VOC: 4.1 lbs/gal ready-to-spray.

Theoretical Coverage: 719 sq. ft. per ready-to-spray gallon at 1 mil.

Weight Solids: 52.4% ready-to-spray.

Volume Solids: 44.8% ready-to-spray.

Recommended Dry Film Thickness: 2.0 - 2.4 mils in 2 coats.

Flash Point: See MSDS.

VOC Regulated Areas

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

Safety and Handling

Before using any DuPont Refinish product, be sure to read all safety directions and warnings. WEAR A POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR (NIOSH APPROVED TC-19C), EYE PROTECTION, GLOVES AND PROTECTIVE CLOTHING WHILE MIXING ACTIVATOR WITH PAINT, DURING APPLICATION AND UNTIL ALL VAPORS AND SPRAY MIST ARE EXHAUSTED. Follow respirator manufacturer's directions for respirator use. INDIVIDUALS WITH HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES SHOULD NOT USE OR BE EXPOSED TO VAPOR OR SPRAY MIST. Do not permit anyone without protection in the painting area.



DuPont Automotive Finishes

H-xxxxx
E-R xxxxx

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