

DC5800 2.0 CTR Clear

Application Procedures



Products	DC5800 2.0 CTR Clear		
	851 Prep and Wash 910 Universal Prep Cleaner AM900 Aero-Max Pre-Kleano DF21 Flex Agent DH99 Low VOC Fast Hardener DH100 Low VOC Hardener RMR15 Low VOC Reducer VR Series Reducers		
Cleaning	See Topcoat Section - "Cleaning & Preparing Vehicle for Topcoating" for vehicle prep.		
Topcoating	See Topcoat Section - ONYX HD Basecoat Do use 5% BCH10 in ONYX HD Basecoat Colors.		
Mixing Ratio	4:1:1 4 parts DC5800 1 part DH99 or DH100 1 part VR Reducer or RMR15		
Application	2 to 3 wet coats 3 to 5 minutes flash between coats If it is not practical to clearcoat the entire panel and blending of the clear is necessary (e.g., roof pillar), remelt the clearcoat edge with UBR200 Blending Solvent (3 part clear/hardener/reducer + 1 part UBR200 + 1 part VR Reducer or RMR15) using reduced air pressure to the spray gun. The blending of clear into a panel is not covered under the R-M warranty.		
Drying		Dust Free	Dry Time to Handle
	20°C/68°F	15 minutes	1.5 to 2 hours
	60°C/140°F	N/A	20 to 30 minutes
Sanding/ Polishing	Wet Sand - 1500 grit or finer Dry Sand - P1500 grit or finer Polishing - After 2 hours (air dry) After cool down (bake)		
Notes			



DC5800 2.0 CTR Clear

Technical Data



Characteristics

DC5800 2.0 CTR Clearcoat is a two component acrylic urethane clear for topcoating ONYX HD Basecoat Colors. Applied at 2.0 mils, DC5800 will meet a combined basecoat/clearcoat VOC average of 3.5 lbs/gal when using ONYX HD Basecoat. DC5800 produces a very glossy, durable and chemically resistant automotive finish. DC5800 is recommended for spot and panel repair. It can be used for repairs ranging from small panels to completes such as light to heavy transportation and RV, excluding agricultural, construction, and earth moving related equipment.

Technical Data

Viscosity	13-15 sec. #4 Ford cup
Fluid Tip (HE Gravity)	1.5 mm
Fluid Tip (HVLP Gravity)	1.5 mm
Air Pressure (HVLP/HE)	8-10 psi at air cap
Number of Coats	2 to 3 wet coats
Thickness	2.0-2.5 mils
Pot Life	1 to 2 hours @ 20°C/68°F
Coverage	282 sq ft/gal @ 2.0 mils
VOC as Applied	239.5 gms/ltr (2.0 lbs/gal)

Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do use 809 Fisheye Eliminator in DC5800 if necessary.
- Do measure amount of hardener and reducer - DO NOT ESTIMATE.
- Do use the DC5800 mixture within 2 hours for best results.
- Do use 5% BCH10 in ONYX HD Basecoat Colors.
- Do use DF21 Flex Agent when painting flexible parts. See Flexible Parts section of manual.

Things NOT to DO:

- Do not use DC5800 if the shop temperature is below 15°C/60°F.