

Diamont Basecoat - D121

Ultra Flash Flake Basecoat with Chrome Satin Effect



Products	Diamont Basecoat - D121 UR Series Reducer BCH2 Basecoat Hardener
Cleaning	See Topcoat Section - "Cleaning & Preparing Vehicle for Topcoating" for vehicle prep.
Pretreatments	See Undercoat Section Black BC201 Catalyzed with BCH2 10%, must be applied before application of D121, unless otherwise stated in the intermix formulations.
Mixing Ratio	2:1:10% 2 parts Diamont Basecoat - D121 1 part UR Reducer 10% BCH2 added to unreduced color portion
Application	3 med. wet coats plus 1 mist coat 5 to 10 mins. flash between coats Allow final coat to flash at least 15 mins. before applying the clearcoat. If needed, when dry, tack entire vehicle with a clean tack rag.
Drying	20°C/68°F 15 to 20 mins. 60°C/140°F 10 to 15 mins. 70°C/160°F 7 to 10 mins.
Sanding/ Polishing	Wet Sand - N/A Dry Sand - N/A
Notes	Black BC201 Catalyzed with BCH2 10%, must be applied before application of D121, unless otherwise stated in the intermix formulations.



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Characteristics

Ultra Flash Flake is a special Diamont basecoat showing a chrome satin effect. This effect can be found on various hang-on parts of vehicles for the repair of which Flash Flake was developed. A homogeneous, black substrate is necessary for creating an extremely shining chrome satin effect.

Technical Data

Viscosity	13-15 sec. #4 Ford cup
Fluid Tip (Gravity)	1.3-1.5 mm or .051-.059"
Fluid Tip (Siphon)	1.6-1.8 mm or .063-.071"
Fluid Tip (HVLP gravity)	1.3-1.5 mm or .051-.059"
Fluid Tip (HVLP Pressure)	1.1-1.3 mm or .043-.051"
Air Pressure	45-55 lbs. at the gun
Air Pressure (HVLP)	6-10 cap, 4-6 cup
Number of Coats	2 or 3 med. wet coats
Thickness	0.75 - 1.0 mils
Pot Life	N/A
Pot Life using 10% BCH2	24 hrs.
Coverage	278 sq. ft./gal. (0.75 mils)
VOC as Applied	6.6 lbs./gal. (791 gms/ltr)

Things to DO:

- Do use BC201 catalyzed with BCH2 10% before application of D121, unless otherwise stated in the intermix formulations.
- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do allow 30 mins. at 20°C/68°F before using masking tape.
- Do shake tinting bases for 10 - 15 minutes on a paint shaker before using or placing on a mixing rack.

Things NOT to DO:

- Do not use fisheye eliminator in Diamont D121 Basecoat.
- Do not use any other thinners or reducers other than UR Series Reducers.
- Do not apply directly over any acrylic lacquer or lacquer finishes. DP20 Diamond Prime must be used over all acrylic lacquers or lacquer finishes before applying Diamont Basecoat.
- Do not use flex agents in Diamont Basecoat.
- Do not use if the shop temperature is below 10°C/50°F.