

CeramiClear® Mar and Scratch Resistant Clearcoat

DC4125

DC4125 *CeramiClear*® is a mar and scratch resistant, high solid clearcoat. This clear was especially designed to repair Mercedes-Benz cars and other vehicles that require the best in mar and scratch resistant performance. DC4125's excellent surface properties minimize the visible marring caused by car washing and polishing.

DC4125 *CeramiClear*® was formulated to meet all current VOC limits and is suitable for use in Southern California Districts. DC4125 is designed for use over DBC and DBU.



Features

- Mar & Scratch Resistance
- High Solids
- OEM Approved Product

Advantages

- Minimizes marring caused by car washing and polishing
- Restores OE factory protection

Benefits

- Customer Satisfaction

Compatible Surfaces

CeramiClear® may be applied over:

- *Deltron*® (DBU) Universal Basecoat
- *Deltron*® 2000 (DBC) Basecoat

Required Products

	Hardener
CeramiClear Hardener	DCH4126

DC4125

Directions for Use

Preparation:

Where VOC limits allow a maximum of 5.0 lbs./US Gal. for multi-stage systems, reduce DBU Color 150% with DRR Reducer or DBC Color 100% with DT Reducer. Refer to the Product Information Bulletin of the color system for its application, dry times, and blend recommendations. (See P-175CA for DBC and P-152 for DBU Color)

Mix Ratio:



DC4125 : DCH4126 Hardener
2 : 1



PotLife: 1 hour at 68°F (20°C) for standard mix

Additives:



None

Application Coats:



Apply: 1 medium coat, then 1 full coat (2 coats)
Film Build Per Wet Coat: 2.1 – 3.1 mils
Dried Film Build Per Coat: 1.0 – 1.5 mils

Drying Times:



Between Coats: 5 minutes

Before Baking: 0 – 5 minutes



Dust Free:
68°F (20°C) 30 minutes

Dry to Handle:
68°F (20°C) 4 hours minimum
140°F (60°C) 30 minutes*



Tape Time:
68°F (20°C) 5 – 6 hours
140°F (60°C) 30 minutes + cool down*



Through Dry:
68°F (20°C) 8 hours
140°F (60°C) 30 minutes + 2 hours @ room temperature*



IR (Infrared):
Medium Wave 15 minutes
Short Wave 8 minutes



Polishing: 4 hours minimum.
After 24 hours @ 70°F (21°C) DC4125 CeramiClear can be lightly de-nibbed with 2000 grit sandpaper and compounded. Use a foam pad with a minor cutting compound to remove any minor imperfections.

Note: For best results, DC4125 should be used for full panel repairs.

**All force dry times are quoted for metal temperature. Additional time must be allowed during force dry to allow metal to reach recommended temperature.*

Directions for Use

Drying Times continued:



Overcoat/Recoat Time: 10 hours at 68°F (20°C) or
after force dry/cool down + 2 hours



Grade wet: US 500 – 600 / European P800 – 1200
Grade dry: US 400 – 400 / European P400 – 800

Blending:

*The blend technique used for DC4125 Ceramiclear is a “reverse blend process”.
Follow the below instructions for best results:*

1. Standard prep - Use 1000 grit on a DA and 1200 grit wet.
2. After finishing color repair, apply 1 wet coat of DX840 **Blend-Ease** out to the edge of the area intended for the clear blend. (See note)
3. Mix 1 part of ready-to-spray clear to 1 part of DX840 and apply this mixture on the blend area where DX840 was applied in step 2.
4. Starting from the blend area and working back into the panel, apply two single coats of the ready-to-spray clear to the remainder of the refinished panel.
5. Bake or air dry and polish blend area with a fine compound to complete the repair.

Note: For best results, DC4125 should be used for full panel repairs.

Technical Data:

VOC	
VOC Regulatory (less water less exempt)	2.00 lbs/gal (240 g/L)
VOC Actual	1.40 lbs/gal (168 g/L)
Total dry film build:	
Minimum	2.0 mils
Maximum	2.5 mils
Recommended film build per wet coat	2.1 – 3.1 mils
Recommended dried film build per coat	1.0 – 1.5 mils
Theoretical coverage	799 sq. ft. /US gal
<i>Theoretical coverage in sq.ft./US gal. Ready-to-spray (RTS), giving 1 mils dry film thickness.</i>	
Percent solids by volume RTS	49.79
Density	8.96 lbs/gal (1074 g/L)
Volatiles Weight %	47.9 %
Water Weight %	0.0 %
Exempt Weight %	33.3 %
Water Volume %	0.0 %
Exempt Volume %	30.4 %
Solids Volume %	49.8 %
Applicable Use Category	Clear Coating

Resistance Testing:

Treated steel panels used for evaluation were primed with Original Equipment UNIPRIME® and topcoated with DELTRON® Basecoat prior to DC4125 Clearcoat. All resistance results were obtained after DC4125 Clearcoat had been allowed to dry approximately 72 hours at moderate temperatures (70°F/21°C).

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Important:

The contents of this package must 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 of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

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

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

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