

R-M Carizzma® Waterborne Candizz



Products	Carizzma - ZD Dye Bases 851 Prep and Wash 900 Pre-Kleano 909 Final Wipe AM900 Aero-Max Pre-Kleano All R-M Clears PF Special Effect Powder HB020 Hydromix HB040 Hydromix Slow HB009 Mixing Clear ONYX HD Toners BCH10 Basecoat Hardener												
Description	<p>The Carizzma Candizz colors are specially formulated to provide high standard for color intensity and cleanliness and meeting the most stringent VOC regulations in North America.</p> <p>Carizzma Candizzs ultra-high intensity means that fewer coats are necessary to develop desired deep colors. Few coats means saving you time in the application process and less product is used – lowering material cost.</p> <p>The Carizzma Candizz - ZD Bases can be mixed with each other to give near infinite candy possibilities, and can also be intermixed with other ONYX HD bases to produce dazzling custom colors.</p> <p>Carizzma Dye Bases are not part of the Lifetime Warranty Program.</p>												
Cleaning	See Topcoat Section - “Cleaning & Preparing Vehicle for Topcoating” for vehicle prep.												
Pretreatments	See Undercoat Section												
Mixing Ratio Multi-color finishes / masking tape	<p>If you have to apply multi-color finishes or a lot of masking tape to carry out different design paint jobs, it is recommended to add <i>BCH10 Basecoat Hardener</i> to the undercoat or basecoat in order to optimize its surface hardness and tape resistance.</p> <table border="0"> <tr> <td data-bbox="371 1100 899 1199"> 100 parts by volume ONYX HD solid color 5 parts by volume BCH10 60 - 80 parts by volume HB020 or HB040 </td> <td data-bbox="987 1100 1572 1276"> <table border="0"> <tr> <td>Potlife</td> <td>1 hour (maximum) at 20°C/68°F</td> </tr> <tr> <td>Flash off</td> <td>Flash off until matte after each spraycoat.</td> </tr> <tr> <td>Drying</td> <td>20 minutes at 60°C/140°F (before masking)</td> </tr> </table> </td> </tr> </table> <ul style="list-style-type: none"> • Add BCH10 and stir again carefully. • Add HB020 or HB040 and stir carefully. • Strain before application. 	100 parts by volume ONYX HD solid color 5 parts by volume BCH10 60 - 80 parts by volume HB020 or HB040	<table border="0"> <tr> <td>Potlife</td> <td>1 hour (maximum) at 20°C/68°F</td> </tr> <tr> <td>Flash off</td> <td>Flash off until matte after each spraycoat.</td> </tr> <tr> <td>Drying</td> <td>20 minutes at 60°C/140°F (before masking)</td> </tr> </table>	Potlife	1 hour (maximum) at 20°C/68°F	Flash off	Flash off until matte after each spraycoat.	Drying	20 minutes at 60°C/140°F (before masking)				
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Application	<p>Precoat: 2 to 3 coats (Solid color); 1 to 2 coats plus effect coat (Metallic color)</p> <p>Basecoat with Carizzma Candizz: 2 to 3 coats plus effect coat</p> <p>Flash off until matte after each spraycoat</p>												
Drying	20°C/68°F 15 minutes under ventilation												



R-M Carizzma[®] Waterborne Candizz



Mixing Ratio Overall application	Precoat 100 parts by volume ONYX HD Carizzma Basecoat 60 parts by volume HB040 <ul style="list-style-type: none"> Mix the ONYX HD Basecoat to the formula Mix intensively immediately after weighing Add HB040 Mix intensively immediately after weighing Strain before application. (Do not insert a filter less than 200 microns in the spraygun when applying a metallic or pearl effect basecoat.) 	Basecoat with Carizzma Candizz 97 grams HB009 3 grams max. Carizzma Candizz <ul style="list-style-type: none"> Mix intensively immediately after weighing Then mix: 100 parts by volume HB009/Carizzma Candizz 60 parts by volume HB040 <ul style="list-style-type: none"> Mix intensively immediately after weighing Strain before application. (For the application process insert a screen finer than 200 microns into the spraygun.)
Application	<p>Precoat: 2 to 3 coats (Solid color); 1 to 2 coats plus effect coat (Metallic color) Flash off until matte after each spraycoat</p> <p>Basecoat with Carizzma Candizz: No flash off between the spraycoats, all spraycoats wet-on-wet (vary the overlap areas of the different spraycoats).</p> <ul style="list-style-type: none"> First, apply 1 normal coat. Second, 1 to 2 more normal coats, increasing the distance between the panel and the spraygun (wet paint film on the complete surface). Third, 3 or more mist-coats until the panel has a uniform appearance. <p>Flash off until matte after last spraycoat</p>	
Drying	20°C/68°F 15 minutes under ventilation	
Mixing Ratio Carizzma Cand-E-Z colors	Precoat 100 parts by volume ONYX HD Carizzma Basecoat 60 parts by volume HB040 <ul style="list-style-type: none"> Mix the ONYX HD Basecoat to the formula Mix intensively immediately after weighing Add HB040 Mix intensively immediately after weighing Strain before application. (Do not insert a filter less than 200 microns in the spraygun when applying a metallic or pearl effect basecoat.) 	Basecoat with Carizzma Cand-E-Z color HB009 ONYX HD products Carizzma Candizz <ul style="list-style-type: none"> Mix to the formulas, then mix intensively Then mix: 100 parts by volume HB009/ONYX HD/Carizzma Candizz 60 parts by volume HB040 <ul style="list-style-type: none"> Mix intensively immediately after weighing Strain before application.
Application	<p>Precoat: 2 to 3 coats (Solid color); 1 to 2 coats plus effect coat (Metallic color) Basecoat with Carizzma Cand-E-Z: 2 to 3 coats plus effect coat Flash off until matte after each spraycoat</p>	
Drying	20°C/68°F 15 minutes under ventilation	
Notes	Carizzma Dye Bases are not part of the Lifetime Warranty Program.	

R-M Carizzma® Waterborne Candizz



Mixing Ratio Carizzma Effect Powder and Carizzma Candizz

Precoat

100 parts by volume ONYX HD Carizzma
Basecoat

60 parts by volume HB040

- Mix the ONYX HD Basecoat to the formula
- Mix intensively immediately after weighing
- Add HB040
- Mix intensively immediately after weighing
- Strain before application. (Do not insert a filter less than 200 microns in the spraygun when applying a metallic or pearl effect basecoat.)

Basecoat with Carizzma Candizz

HB009

ONYX HD products

Carizzma Candizz

Carizzma Effect Powder

- Mix to the formulas, then mix intensively

Then mix:

100 parts by volume HB009/ONYX HD/
Carizzma Candizz/
Carizzma Effect Powder

60 parts by volume HB040

- Mix intensively immediately after weighing
- Filter it after mixing. (Do not insert a filter less than 200 microns in the spraygun when applying Carizzma Effect Powder.)

Application

Precoat: 2 to 3 coats (Solid color); 1 to 2 coats plus effect coat (Metallic color)

Basecoat with Effect Powder: 1 to 2 wet coats (Don't spray an effect coat after flash off)

Flash off until matte after each spraycoat

Drying

20°C/68°F 15 minutes under ventilation

Notes

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**Automotive
Finishes**

R-M Carizzma® Waterborne

Candizz Technical Data



Technical Data - For small areas, 1-2 panels

Viscosity	40-65 seconds Ford 4 at 22°C/70°F
Fluid Tip (HVLV Gravity)	1.4-1.5 mm
Air Pressure (HVLV)	10 psi at air cap (maximum)
Number of Coats	Precoat: Solid - 2 to 3 coats Metallic - 1 to 2 coats + effect coat Basecoat: 2 to 3 coats plus effect coat
Thickness	Precoat: Solid - 0.8-1.0 mil Metallic - 0.5-0.6 mil Basecoat: 0.8-1.0 mil
Pot Life	1 week in a sealed plastic vessel
VOC as Applied	420 gms/ltr (3.5 lbs/gal)

Technical Data - Overall application

Viscosity	40-65 seconds Ford 4 at 22°C/70°F
Fluid Tip (HVLV Gravity)	1.4-1.5 mm
Air Pressure (HVLV)	10 psi at air cap (maximum)
Number of Coats	Precoat: 1 to 2 coats + effect coat Basecoat: See Application section
Thickness	Precoat: 0.5-0.6 mil Basecoat: 0.8-1.0 mil
Pot Life	1 week in a sealed plastic vessel
VOC as Applied	420 gms/ltr (3.5 lbs/gal)

Technical Data - Carizzma Cand-E-Z colors

Viscosity	40-65 seconds Ford 4 at 22°C/70°F
Fluid Tip (HVLV Gravity)	1.4-1.5 mm
Air Pressure (HVLV)	10 psi at air cap (maximum)
Number of Coats	Precoat: Solid - 2 to 3 coats Metallic - 1 to 2 coats + effect coat Basecoat: 2 to 3 coats plus effect coat
Thickness	Precoat: Solid - 0.8-1.0 mil Metallic - 0.5-0.6 mil Basecoat: 0.8-1.0 mil
Pot Life	1 week in a sealed plastic vessel
VOC as Applied	420 gms/ltr (3.5 lbs/gal)

Technical Data - Carizzma Effect Powder and Carizzma Candizz

Viscosity	40-65 seconds Ford 4 at 22°C/70°F
Fluid Tip (HVLV Gravity)	1.4-1.5 mm
Air Pressure (HVLV)	10 psi at air cap (maximum)
Number of Coats	Precoat: Solid - 2 to 3 coats Metallic - 1 to 2 coats + effect coat Basecoat: 1 to 2 wet coats
Thickness	Precoat: Solid - 0.8-1.0 mil Metallic - 0.5-0.6 mil Basecoat: 0.8-1.0 mil
Pot Life	1 week in a sealed plastic vessel
VOC as Applied	420 gms/ltr (3.5 lbs/gal)

Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do make sure to vary the overlap areas of the different spraycoats when applying Carizzma Candizz.
- Do allow 30 minutes at 20°C/68°F before using masking tape.

Things NOT to DO:

- Do not use fisheye eliminator in Carizzma Candizz.
- Do not apply directly over any acrylic lacquer or lacquer finishes.
- Do not use flex agents in Carizzma Candizz.
- Do not use if the shop temperature is below 10°C/60°F.
- Do not sand the Carizzma Candizz basecoats because sanded areas of the Carizzma Candizz basecoat will become visible after the clearcoat application.
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