



# CARIZZMA CANDIZZ

## Product description

For CARIZZMA CANDYS, an ONYX HD ground coat is sprayed, then the CARIZZMA CANDIZZ is sprayed over the top of it, followed by an R-M CARIZZMA CUSTOMCLEAR CP to finish the look.

The CARIZZMA CANDIZZS set a new standard of color intensity and color cleanliness. The CARIZZMA CANDIZZS are formulated as part of the ONYX HD system, which means that CARIZZMA CANDIZZ colors provides now the speed of a basecoat.

The CARIZZMA CANDIZZS are also ultra-high in intensity. This means that fewer coats are necessary to develop the desired color. There are times that painters prefer a low- Strength CANDIZZ color – e.g., for larger vehicles or for lighter colors. When lower strengths are desired, additional amounts of CARIZZMA MIXING CLEAR HB 009 could be added to achieve the desired tint strength.

Because the CARIZZMA CANDIZZS can be intermixed to create many different CARIZZMA CANDIZZ colors, and can be sprayed over any ONYX HD colors, the following colors are only a few of the countless color possibilities.

Due to the intrinsic quality the CARIZZMA CANDIZZ should be used only for show cars.

The CANDIZZS are available in the following colors:

ZD 20	CANDIZZ	BLACK
ZD 30	CANDIZZ	VIOLET
ZD 40	CANDIZZ	BLUE
ZD 60	CANDIZZ	YELLOW
ZD 70	CANDIZZ	ORANGE
ZD 80	CANDIZZ	RED

## Paint system:

Paint system 1 CARIZZMA CANDIZZ - small areas, 1-2 panels, e.g. Flames

Paint system 2 CARIZZMA CANDIZZ for overall application

Paint system 3 CARIZZMA CAND-E-Z colors, ONYX HD products with CARIZZMA CANDIZZ

Paint system 4 CARIZZMA EFFECT POWDER with CARIZZMA CANDIZZ



# CARIZZMA CANDIZZ

## Notes:

- Refer to technical data sheet "CARIZZMA Substrates and Pretreatment".
- 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 ONYX HD ACTIVATOR to the undercoat or basecoat in order to optimise its surface hardness and tape resistance.

### Mixing ratio:

ONYX HD solid color*	100% by vol.	0.1 l
ONYX HD ACTIVATOR	5% by vol.	5 g
HYDROMIX	60 – 80% by vol.	60 – 80 g

Add ONYX HD ACTIVATOR and stir again carefully.

Add HYDROMIX and stir carefully.

Strain before application.

**Potlife:** 1 h (max.) at 20°C

**Flash off:** Flash off until mat after each spraycoat.

**Drying:** 20 min. at 60°C (before masking)

\*ONYX HD ACTIVATOR is unsuitable for use in mixing formulas which contain the waterborne dispersions CB760, CB86R or CB 83R

- Mix CARIZZMA MIXING CLEAR HB 009 and CARIZZMA CANDIZZ and stir well. Filter the mixture through a 190-200 µm paint filter. Then add HYDROMIX SLOW and stir well. Now filter the ready-for-use product through a 190-200 µm paint filter. For the application process insert a screen finer than 200 µm into the spraygun.
- When applying CARIZZMA CANDIZZ, make sure to vary the overlap areas of the different spraycoats.
- Do not sand the CARIZZMA CANDIZZ basecoats because sanded areas of the CARIZZMA CANDIZZ basecoat will become visible after the clearcoat application.
- Color stability:  
CARIZZMA CANDIZZ colors are extremely brilliant colors based on CANDIZZ solutions. They may change after exposure to sunlight depending on UV intensity, exposure time and CARIZZMA CANDIZZ color. In order to optimise the color stability we recommend the application of two coats of CARIZZMA CUSTOMCLEAR CP (with intermediate drying and intermediate sanding).

## 2004/42/IB(d)(420)419:

The EU limit value for this product (product category: IIB.d) in ready-for-use form is max 420 grams of VOC per litre. The VOC content of this product is 419 g/l.

# CARIZZMA CANDIZZ




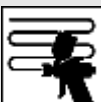



For small areas, 1-2 panels, e.g. Flames


Paint System 1

Precoat  
Basecoat  
Clear

ONYX HD CARIZZMA BASECOAT  
CARIZZMA HB 009 mix with CARIZZMA CANDIZZ  
CARIZZMA CUSTOMCLEAR CP

	<p>Mixing ratio</p>	<p>Precoat:</p> <p>ONYX HD CARIZZMA BASECOAT 100% by vol. HYDROMIX SLOW 60% by vol.</p> <p>Mix the ONYX HD basecoat to the formula and mix intensively immediately after weighing. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application. Attention: Do not insert a filter less than 190µm in the spraygun when applying a metallic or pearl effect basecoat</p> <hr/> <p>Basecoat with CARIZZMA CANDIZZ:</p> <p>Mixture 1: HB 009 90 g CARIZZMA CANDIZZ 10 g Add CARIZZMA CANDIZZ and mix intensively immediately after weighing.</p> <p>Mixture 2: HB 009 with CARIZZMA CANDIZZ (Mixture 1) 100% by vol. HYDROMIX SLOW 60% by vol. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application. For the application process insert a screen finer than 200 µm into the spraygun.</p>																
	<p>Spray viscosity Potlife</p>	<p>42 to 68 seconds ISO 4 cup at 20°C</p> <p>ONYX HD ready for use: 1 week in a sealed plastic vessel HB 009 with CARIZZMA CANDIZZ: 1 week in a sealed plastic vessel HB 009 with CARIZZMA CANDIZZ ready for use: 1 week in a sealed plastic vessel</p>																
	<p>Spraygun</p>	<p>HVLP gravity-feed spraygun 1.4 – 1.5 mm 0.7 bar at the nozzle</p>																
	<p>Application</p>	<table border="0"> <thead> <tr> <th></th> <th colspan="2">Precoat</th> <th>Basecoat with CARIZZMA CANDIZZ</th> </tr> <tr> <th></th> <th colspan="2">Solid color / Metallic color</th> <th></th> </tr> </thead> <tbody> <tr> <td>Spraycoats</td> <td>2 – 3</td> <td>1 – 2 + effect coat</td> <td>2 – 3 + effect coat</td> </tr> <tr> <td>Film thickness</td> <td>20 – 25 µm</td> <td>12 – 15 µm</td> <td>20 – 25 µm</td> </tr> </tbody> </table>		Precoat		Basecoat with CARIZZMA CANDIZZ		Solid color / Metallic color			Spraycoats	2 – 3	1 – 2 + effect coat	2 – 3 + effect coat	Film thickness	20 – 25 µm	12 – 15 µm	20 – 25 µm
	Precoat		Basecoat with CARIZZMA CANDIZZ															
	Solid color / Metallic color																	
Spraycoats	2 – 3	1 – 2 + effect coat	2 – 3 + effect coat															
Film thickness	20 – 25 µm	12 – 15 µm	20 – 25 µm															
	<p>Flash-off</p>	<p>Flash off until mat after each spraycoat.</p>																

Clear:

	<p>CARIZZMA CUSTOMCLEAR CP</p>	<p>Apply in accordance with the Technical Data Sheet.</p>
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# CARIZZMA CANDIZZ




For overall application (page 1)

Paint system 2

Precoat ONYX HD CARIZZMA BASECOAT  
 Clear CARIZZMA CUSTOMCLEAR CP  
 Basecoat CARIZZMA HB 009 mix with CARIZZMA CANDIZZ  
 Clear CARIZZMA CUSTOMCLEAR CP

	<p>Mixing ratio</p>	<p>Precoat</p> <p>ONYX HD CARIZZMA BASECOAT 100% by vol.          HYDROMIX SLOW 60% by vol.</p> <p>Mix the ONYX HD basecoat to the formula and mix intensively immediately after weighing. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application.          Attention: Do not insert a filter less than 190µm in the spraygun when applying a metallic or pearl effect basecoat</p>
	<p>Spray viscosity Potlife</p>	<p>42 to 68 seconds ISO 4 cup at 20°C</p> <p>ONYX HD ready for use: 1 week in a sealed plastic vessel</p>
	<p>Spraygun</p>	<p>HVLP gravity-feed spraygun 1.4 – 1.5 mm 0.7 bar at the nozzle</p>
	<p>Application</p>	<p>Spraycoats 1 – 2 + effect coat          Film thickness 12 – 15 µm</p>
	<p>Flash-off</p>	<p>Flash off until mat after each spraycoat.</p>

Clear:






	<p>CARIZZMA CUSTOMCLEAR CP</p>	<p>Apply in accordance with the Technical Data Sheet.</p>
	<p>Sanding</p>	<p>P500 / P1000 / P2000</p>
	<p>Degreasing</p>	<p>PK 2000</p>

# CARIZZMA CANDIZZ



For overall application (page 2)

Paint system 2

	<p>Mixing ratio</p>	<p>Basecoat with CARIZZMA CANDIZZ</p> <p>Mixture 1: HB 009 97 g CARIZZMA CANDIZZ max. 3 g Add CARIZZMA CANDIZZ and mix intensively immediately after weighing.</p> <p>Mixture 2: HB 009 with CARIZZMA CANDIZZ (Mixture 1) 100% by vol. HYDROMIX SLOW 60% by vol. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application. For the application process insert a screen finer than 200 µm into the spraygun.</p>
	<p>Spray viscosity Potlife</p>	<p>42 to 68 seconds ISO 4 cup at 20°C</p> <p>HB 009 with CARIZZMA CANDIZZ or 1 week in a sealed plastic vessel HB 009 with CARIZZMA CANDIZZ ready for use: 1 week in a sealed plastic vessel</p>
	<p>Spraygun</p>	<p>Compliant gravity-feed spraygun: 1.3 mm 2.0 bar HVLV gravity-feed spraygun: 1.4 – 1.5 mm 0.7 bar at the nozzle</p>
	<p>Application</p>	<p>Basecoat with CARIZZMA CANDIZZ:</p> <p>No flash off between the spraycoats, all spraycoats wet on wet (vary the overlap areas of the different spraycoats)</p> <p>1. Spraycoat first apply 1 normal coat 2. Spraycoat 1-2 more normal coats, increasing the distance between the panel and the spraygun (wet paint film on the complete surface) 3. Spraycoat 3 or more mist-coats until the panel has a uniform appearance</p> <p>Film thickness 20 – 25µm</p>
	<p>Flash-off</p>	<p>Flash off until mat after the last spraycoat</p>

Clear:

	<p>CARIZZMA CUSTOMCLEAR CP</p>	<p>Apply in accordance with the Technical Data Sheet.</p>
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# CARIZZMA CANDIZZ



Paint system 3

CARIZZMA CAND-E-Z colors, ONYX HD products with CARIZZMA CANDIZZ

Precoat

ONYX HD CARIZZMA BASECOAT

Basecoat

CARIZZMA HB 009 mix with CARIZZMA CANDIZZ and ONYX HD products

Clear

CARIZZMA CUSTOMCLEAR CP

	Mixing ratio	<p>Precoat:</p> <p>ONYX HD CARIZZMA BASECOAT                      100% by vol.                      HYDROMIX SLOW    60% by vol.</p> <p>Mix the ONYX HD basecoat to the formula and mix intensively immediately after weighing. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application.                      Attention: Do not insert a filter less than 190µm in the spraygun when applying a metallic or pearl effect basecoat</p>																
		<p>Basecoat CARIZZMA CAND-E-Z color:</p> <p>Mixture 1:    HB 009    mix to the formula                      ONYX HD products    mix to the formula and mix intensively                      CARIZZMA CANDIZZ    mix to the formula and mix intensively</p> <p>Mixture 2:    ONYX HD Basecoat (Mixture 1)                      100% by vol.                      HYDROMIX SLOW    60% by vol.</p> <p>Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application.</p>																
		<p>Spray viscosity</p> <p>Potlife</p>																
	Spraygun	<p>42 to 68 seconds ISO 4 cup at 20°C</p> <p>ONYX HD ready for use:                      HB 009 mix with CARIZZMA CANDIZZ:                      HB 009 mix with CARIZZMA CANDIZZ ready for use: 1 week in a sealed plastic vessel</p> <p>HVLP gravity-feed spraygun      1.4 – 1.5 mm    0.7 bar at the nozzle</p>																
	Application	<table border="0"> <tr> <td></td> <td colspan="2" style="text-align: center;">Precoat</td> <td>Basecoat CARIZZMA CAND-E-Z</td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">Solid color / Metallic color</td> <td></td> </tr> <tr> <td>Spraycoats</td> <td style="text-align: center;">2 – 3</td> <td style="text-align: center;">1 – 2 + effect coat</td> <td style="text-align: center;">2 – 3 + effect coat</td> </tr> <tr> <td>Film thickness</td> <td style="text-align: center;">20 – 25 µm</td> <td style="text-align: center;">12 – 15 µm</td> <td style="text-align: center;">20 – 25 µm</td> </tr> </table>		Precoat		Basecoat CARIZZMA CAND-E-Z		Solid color / Metallic color			Spraycoats	2 – 3	1 – 2 + effect coat	2 – 3 + effect coat	Film thickness	20 – 25 µm	12 – 15 µm	20 – 25 µm
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	Solid color / Metallic color																	
Spraycoats	2 – 3	1 – 2 + effect coat	2 – 3 + effect coat															
Film thickness	20 – 25 µm	12 – 15 µm	20 – 25 µm															
	Flash-off	Flash off until mat after each spraycoat.																

Clear:

	CARIZZMA CUSTOMCLEAR CP	Apply in accordance with the Technical Data Sheet.
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# CARIZZMA CANDIZZ

CARIZZMA EFFECT POWDER and CARIZZMA CANDIZZ

Paint system 4

Precoat ONYX HD CARIZZMA BASECOAT  
 Basecoat CARIZZMA HB 009 mix with CARIZZMA CANDIZZ and CARIZZMA EFFECT POWDER  
 Clear CARIZZMA CUSTOMCLEAR CP (2 times with intermediate drying and intermediate sanding with P500 / P1000)

	Mixing ratio	Precoat	<b>ONYX HD CARIZZMA BASECOAT</b> 100% by vol. <b>HYDROMIX SLOW</b> 60% by vol. Mix the ONYX HD basecoat to the formula and mix intensively immediately after weighing. Add HYDROMIX SLOW and mix intensively immediately after weighing. Strain before application. Attention: Do not insert a filter less than 190µm in the spraygun when applying a metallic or pearl effect basecoat															
		Basecoat:	<b>Mixture 1:</b> <b>ONYX HD</b> mix to the formula <b>HB009</b> mix to the formula <b>CARIZZMA CANDIZZ</b> mix to the formula and mix intensively <b>CARIZZMA EFFECT POWDER</b> mix to the formula and mix intensively  <b>Mixture 2:</b> <b>ONYX HD (Mixture 1)</b> 100% by vol. <b>HYDROMIX SLOW</b> 60% by vol. Add HYDROMIX SLOW and mix intensively immediately after weighing. Attention: Filter it after mixing (above 300µm). Do not insert a filter in the spraygun when applying CARIZZMA EFFECT POWDER															
	Spray viscosity	42 to 68 seconds ISO 4 cup at 20°C																
	Potlife	ONYX HD ready for use: 1 week in a sealed plastic vessel HB 009 with CARIZZMA CANDIZZ: 1 week in a sealed plastic vessel HB 009 with CARIZZMA CANDIZZ ready for use: 1 week in a sealed plastic vessel																
	Spraygun	HVLP gravity-feed spraygun 1.4 – 1.5 mm 0.7 bar at the nozzle																
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	Precoat		Basecoat															
	Solid color / Metallic color																	
Spraycoats	2 – 3	1 – 2 + effect coat	1 – 2 wet coats <small>(Don't spray a effect coat after flash off)</small>															
Film thickness	20 – 25 µm	12 – 15 µm	20 – 25 µm															
	Flash-off	Flash off until mat after each spraycoat.																

Clear: spray 2 times with oven drying and sanding with P500 / P1000 between both coats.

	CARIZZMA CUSTOMCLEAR CP	Apply in accordance with the Technical Data Sheet.
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The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). The latest version supersedes all previous versions. You can obtain the latest version from our website at [www.rmpaint.com](http://www.rmpaint.com) or directly from your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.