

# ONYX HD

## DB 403 Deep black

- Application:** Deep Black ONYX HD waterborne basecoat.
- Remarks:**
- New mixing bases must be stirred manually before use and additionally for 15 minutes in the mixing machine. Stir all products stored in the mixing machine twice a day for 15 minutes.
  - Potlife: DB 403 color mixed to formula: 6 months in a sealed plastic vessel.  
DB 403 ready for use: 1 week in a sealed plastic vessel.

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**Storage temperature** 5-45 °C

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### Cleaning

Clean with R-M waterborne cleaner (base-/topcoat). Sand with P400 (sanding filler or well-cured, solvent-resistant old paintwork). Clean with R-M waterborne cleaner (base-/topcoat). Alternative: apply to R-M wet-on-wet filler or sealer.

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### Mixing Ratio PreMix

71.5 Parts by vol	HB 002 Waterborne basecoat line
28.5 Parts by vol	DB 403 Deep black

Mix HB 002 and DB 403 and homogenize the mixture. Then add HYDROMIX, stir the paint again and strain it.

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### Safety advice:

**2004/42/IIIB(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 liter. The VOC content of this product is 419 g/l.

It cannot be ruled out that this product contains particles < 0.1 µm.

The products are suitable for professional use only.

For the use of this product please adhere to the actual safety recommendations and the personal protective equipment



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**DB 403**  
**Deep black**

	<b>Mixing Ratio</b>	100 Parts by vol	PreMix
	<b>Thinner</b>	60 Parts by vol	HB 032 HYDROMIX (stir <b>IMMEDIATELY</b> after having added adjusting base)

	 <b>HVLV spray gun</b>	 <b>Compliant gravity-feed spray gun</b>
<b>Nozzle pressure</b>	0.7 bar	
<b>Nozzle size</b>	1.4-1.5	
<b>Number of spray coats</b>		2
<b>Flash off at 20°C</b>	1st spraycoat: flash off at room temperature until mat. 2nd spraycoat: at 40 – 50°C (max 60°C) surface temperature to mat surface + cooling.	
<b>Film thickness</b>	20 µm	

**Drying**

	<b>Drying at 20°C</b>	15 min
	<b>Drying at 60°C</b>	10 min
	<b>Drying Remark</b>	The drying time depends on climatic conditions and equipment used.

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**DB 403**

**Deep black**

**Remark**

Apply one of the recommended R-M clears. DB 403 may be over coated with the same product or another ONYX HD basecoat provided that the indicated drying times has been observed.

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Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.

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