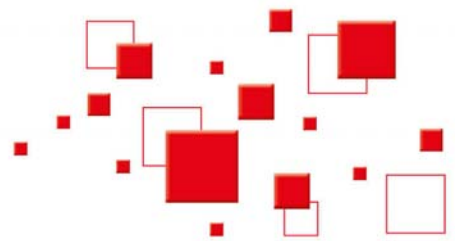


# Technical Information

## ONYX HD



Deep black DB 403

Product Category: **C 3.1**

### Fields of use

Deep Black ONYX HD waterborne basecoat.

### Additional Information

### Technical characteristics

Solids content 38 % ± 2	Density 0.930 – 1.030 g/cm <sup>3</sup>
Storage temperature min. 5°C to max. 45°C	Shelf life 36 months

### Application

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.

### Substrate / Pre-treatment / Cleaning

Clean with PK 2000.

Sand with P400 (sanding filler or well-cured, solvent-resistant old paintwork).

Clean with PK 2000.

Alternative: apply to R-M wet-on-wet filler or sealer.

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.mppaint.com](http://www.mppaint.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.

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## ONYX HD



	ONYX HD mixing bases	HB 002	71.5% by vol.	71.5 g
		DB 403	28.5% by vol.	28.5 g
	HYDROMIX		60.0% by vol.	60.0 g
	Mix HB 002 and DB 403 and homogenize the mixture. Then add HYDROMIX, stir the paint again and strain it.			
	<b>Viscosity at 20°C:</b>			
	ISO 4 cup:	52 to 68 seconds		
	DIN 4 cup:	20 to 25 seconds		
	<b>Potlife:</b> 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.			
	<b>HVLP gravity-feed spraygun</b>	1.4 – 1.5 mm	0.7 bar at the nozzle	
	Spraycoats:	<b>Solid color:</b>		
	Film thickness:	2		
		20 µm		
	The drying time depends on climatic conditions and equipment used.			
	Drying at 20°C:	approx. 15 min.		
	Drying at 60°C:	approx. 10 min. + cooling		
	1st spraycoat:	flash off at room temperature until mat.		
	2nd spraycoat:	at 40 – 50°C (max 60°C) surface temperature to mat surface + cooling.		

### Finishing

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.

### Safety instructions

**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.