

PRODUCT DATA SHEET

ONYX HD

metallics, UNI

T

Application

busses, cabs (color change), boxes, bulk loading vehicles, busses (repair)



Description:

- good leveling
- suitable for large areas / surfaces
- excellent UV resistance
- good hiding power
- outstanding application characteristics
- can be used on RM CV primer fillers / fillers (EP & PU)

Substrates:

- = very well suited
- = well suited
- = suited in some cases

Steel	
Galv. Steel	
Stainless steel	
Aluminium	
Anodized Aluminium	
GRP / SMC	
PP-EPDM	
RM CV-Primer	
RM CV-Primer-Filler / Filler	●●
Powder	
Coil-Coating	
Plywood	
Wood	
OEM Paint work	
Old paint work	

Remarks:

The complete color range for CV-application is covered

The substrate should be clean, free of dust, rust, oil and grease

Special remarks

- The products are suitable for professional use only.
- It cannot be ruled out that this product contains particles < 0.1 µm
- **2004/42/IIB (d)(420)419:** The EU limit value for this product (product category: IIB(d) in ready to use form is max. 420 g/l. **The VOC content of this product is 419 g/l.**



Paint process

Spreading rate

≈ 130 m² / l / 1µm

Solid content

≈ 15 %

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Perfection made simple



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Mixing ratio 100:60 by volume

Hardener

Reducer HYDROMIX SLOW

Spray viscosity
DIN 4 / 20°C

20 - 30 s. DIN 4

Potlife 20 °C

8 h

Application



Compliant-gravity feed cup



HVLP-Spray gun



Suction cup



Airless/Airmix (ESTA)



Pressure pot/Dble membr. Pump

Atomization pressure	bar		2,0		2,5
Material pressure	bar	-	-		0,8 - 1,5
Nozzle size	mm		1,5		1,0 - 1,1
Voltage	kV				
Elect. Resistance	Ω				
Number of spraycoats			2 + 1/2		2 + 1/2
Flash off	min.		until matt		until matt
Filmbuild	µm	10 - 15			



Drying



over-coatable



tack free



tapeable



ready to assemble



sandable

		Min.	Max.
Panel temperat.	20°C	30 min	8 h
Panel temperat.	60°C	15 min	

Remarks



Use PK 2000 to clean substrates after sanding.

Prespray one light spraycoat, leave to flash-off until mat. Then finish with one wet coat, leave to flash-off until mat. Apply ½ spraycoat (minimum distance to the panel: 50 cm) to match the effect.

If required to reduce the viscosity afterwards use GHD HYDROMIX SLOW.

