

# PRODUCT DATA SHEET

## DIAMONT



### Application

sign writing, busses, cabs (refurbishing), cabs (color change), boxes, busses (repair)



### 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

### Description:

- suitable for large areas / surfaces
- good leveling
- excellent UV resistance
- good hiding power
- fast drying

### 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



### Paint process

#### Spreading rate

≈ 115 m<sup>2</sup> / l / 1µm

#### Solid content

≈ 25 %

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R-M Automotive Refinish Paints, BASF Coatings S.A.S, F-60676 Clermont-de-l'Oise Cedex

Jan 2014

Perfection made simple












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	<b>Mixing ratio</b>	100:50 by volume		
	<b>Hardener</b>			
	<b>Reducer</b>	GV200 CV, normal <b>GV200 CV, normal</b> GV300, slow	15 - 20°C <b>20 - 25°C</b> 25 - 30°C	
	<b>Spray viscosity DIN 4 / 20°C</b>	18-22 s. DIN 4		

<b>Application</b>		 <b>Compliant-garvity feed cup</b>	 <b>HVLP-Spray gun</b>	 <b>Suction cup</b>	 <b>Airless/Airmix (ESTA)</b>	 <b>Pressure pot/ Dble membr. Pump</b>
<b>Atomization pressure</b>	<b>bar</b>	2,2 - 2,5	2	2,5		2,5
<b>Material pressure</b>	<b>bar</b>	--	-	-		0,8 - 1,5
<b>Nozzle size</b>	<b>mm</b>	1,4	1,5	1,7		1,0 - 1,1
<b>Voltage</b>	<b>kV</b>	-	-	-		-
<b>Elect. Resistance</b>	<b>Ω</b>	-	-	-		600 - 1500
<b>Number of spraycoats</b>		2 + 1/2	2 + 1/2	2 + 1/2		2 + 1/2
<b>Flash off</b>	<b>min.</b>	until matt	until matt	until matt		until matt
<b>Filmbuild</b>	<b>µm</b>	15-20				

	<b>Drying</b>	 <b>over-coatable</b>	 <b>tack free</b>	 <b>tapeable</b>	 <b>ready to assemble</b>	 <b>sandable</b>
		<b>Min.</b>	<b>Max.</b>			
<b>Panel temperat.</b>	<b>20°C</b>	10 min	8 h	10 min	30 min	
<b>Panel temperat.</b>	<b>60°C</b>					

### Remarks



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.