

PRODUCT DATA SHEET

DIAMONT

Metallics, UNI

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Application

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



Description:

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

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



Paint process

Spreading rate

≈ 115 m² / l / 1µm

Solid content

≈ 25 %

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Mixing ratio	100:50 by volume		
Hardener			
Reducer	GV 200 CV, normal GV 200 CV, normal GV 300, slow	15 - 20°C 20 - 25°C 25 - 30°C	
Spray viscosity DIN 4 / 20°C	18 - 22 s. DIN 4		

Application		Compliant-gravity feed cup	HVLSP-Spray gun	Suction cup	Airless/Airmix (ESTA)	Pressure pot/Dble membr. Pump
Atomization pressure	bar	2,2 - 2,5	2	2,5		2,5
Material pressure	bar	-	-	-		0,8 - 1,5
Nozzle size	mm	1,4	1,5	1,7		1,0 - 1,1
Voltage	kV	-	-	-		-
Elect. Resistance	Ω	-	-	-		600 - 1500
Number of spraycoats		2 + 1/2	2 + 1/2	2 + 1/2		2 + 1/2
Flash off	min.	until matt	until matt	until matt		until matt
Filmbuild	µm	10 - 15				

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

Remarks ! Prespray one light spraycoat, leave to flash-off until matt. Then finish with one wet coat, leave to flash-off until matt. Apply 1/2 spraycoat (minimum distance to the panel: 50 cm) to match the effect.

