

PRODUCT DATA SHEET

GRAPHITE HD CV 12

Silver direct gloss, RAL 9006

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Application

all applications, dumptruck (aluminum), boxes, bulk loading vehicles



Description:

- suitable on all RM CV primer filler and filler
- suitable for large areas / surfaces
- good leveling
- excellent UV resistance
- Excellent surface hardness

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 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

≈ 536 m² / l / 1µm

Solid content

≈ 62 %

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.rmpaint.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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Mixing ratio	100:25:25 by volume		
Hardener	H 700 / H 750 / H 770		
Reducer	GV100, fast GV100, fast GV300, slow	15 - 20°C 20 - 25°C 25 - 30°C	
Spray viscosity DIN 4 / 20°C	28 - 32 s. DIN 4	Potlife 20 °C	1,5 h

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	2,5
Material pressure	bar	-	-	-	120-180	0,8 - 1,5
Nozzle size	mm	1,4	1,5	1,7	0,23-0,28	1,0 - 1,1
Voltage	kV	-	-	-	50 - 80	-
Elect. Resistance	Ω	-	-	-	700-1500	-
Number of spraycoats		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Flash off	min.	without	without	without	without	without
Filmbuild	µm	40 - 60				

Drying		over-coatable	tack free	tapeable	ready to assemble	sandable
		Min.	Max.			
Panel temperat.	20°C	16 h	2,5 h	16 h	12 h	16 h
Panel temperat.	60°C	30 min	30 min	30 min	30 min	30 min

Remarks



Application: Pre-spray 1 thin grip coat with the finishing coat following immediately. Alternatively, apply several thin spray coats.
 Recoatable with itself without intermediate sanding for up to 16 hours after application of first coat.
 After baking + 16 hours of air drying and prior to multi-colour finishing, the use of the adhesion promoter TRANSPARENT SEALER CP is mandatory.

