

PRODUCT DATA SHEET

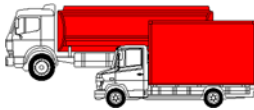
GRAPHITE HD TOPCOAT

Glossy

T

Application

all applications



Description:

- suitable on all RM CV primer filler and filler
- suitable for large areas / surfaces
- very good leveling and appearance
- excellent UV resistance
- fast drying
- excellent surface hardness
- good hiding power

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

The complete color range for CV-application is covered.

Best topcoat finish in combination with H 770 slow Premium

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/IIIB (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

Can be used for all CV Painting Processes.

Spreading rate

≈ 536 m² / l / 1µm

Solid content

≈ 69 %

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.

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



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Mixing ratio 100:25:25 by volume



Hardener H 770 / H 750 / H 700



Reducer GV 200 CV, normal 15 - 20°C
GV 300, slow 20 - 25°C
GV 400, very slow 25 - 30°C



Spray viscosity 18 - 22 s. DIN 4 **Potlife 20 °C**

1 - 2 h

Application		Compliant-garvity feed cup	HVLP-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.
Process time: ~ 45 Min. with H700 / ~ 1h with H750 and ~ 2h mit H770.
Drying: 30 Min. 60°C with H750; 45 - 60 Min. at 60°C with H770.
Recoatible with itself without intermediate sanding for up to 16 hours after application of first coat.
Pre-spray adhesion promoter TRANSPARENT SEALER CP prior to multi-colour finishing if painted surface was baked or flashed-off for 16 h. For Airless or Airmix application use CV 38M instead of CV 70M.

