

PRODUCT DATA SHEET

GRAPHITE HD MULTI PRIMER FILLER CF P 5520, white, PUR

PF

Application

boxes, busses, cabs, fire-fighting vehicle



Description:

- suitable on many substrates
- brilliant top coat appearance and levelling
- chromate free with good corrosion protection
- all-purpose
- tintable
- color ~ RAL 9010 / Shade Art GC 90
- overcoatable wet-on-wet with GRAPHITE HD TOPCOAT, Diamont and ONYX

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:

Suitable for the repair of commercial vehicles and aluminium attachment parts. Due to many different aluminium alloys the technical performance has to be tested for painting of large areas (i. e. tailboards) or production-oriented painting processes of vehicles. Without further testing GHD UNI WASH has to be used before application of GHD MULTI PRIMER FILLER. The substrate should be clean, free of dust, rust, oil and grease. Overcoat metal substrates after sanding on the same day to avoid surface oxidation.

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 (c I)(540)480:** The EU limit value for this product (product category: IIB(d) in ready to use form is max.. 540 g/l. **The VOC content of this product is 480 g/l.**



Paint process

P 2, P 4, P 6.1, RAPID 2

Spreading rate

≈ 447 - 509 m² / l / 1µm

Solid content

≈ 66 - 72 %

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, Z.I. du Merret F-60676 Clermont de l'Oise Cedex, Tel. (+33) (0) 3 44 77 77 77



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Mixing ratio 100:33:10 - 30 by volume

Hardener H 380

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

Spray viscosity 18 - 28 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

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	2,0	2,5	2	2,5
Material pressure	bar	-	-	-	120 - 150	0,8 - 1,5
Nozzle size	mm	1,4 - 1,6	1,7	1,7	0,28 - 0,33	1,0 - 1,1
Voltage	kV	-	-	-	50 - 80	-
Elect. Resistance	Ω	-	-	-	1300 - 1600	-
Number of spraycoats		2	2	2	2	2
Flash off	min.	10 - 15	10 - 15	10 - 15	10 - 15	10 - 15
Filmbuild	µm	50 - 70				



Drying



over-coatable



tack free



tapeable



ready to assemble



sandable

		over-coatable		tack free	tapeable	ready to assemble	sandable
		Min.	Max.				
Panel temperat.	20°C	60 min	72 h	6 h	16 h	16 h	16 h
Panel temperat.	60°C	30 min		30 min	30 min	30 min	45 min

Remarks



Can be tinted with up to 10% of GHD TOPCOAT Line Topcoat for the 2nd spraycoat.
GHD MULTI PRIMER FILLER P 5520 must not be adjusted with DECO A (potlife).
For tinting see CV Primer Tinting Paste GHD PRIMER TINTING PASTE !
The adhesion on hot dipped galvanized steel has to be checked before.
Mixing ratio for flat / smooth substrates and best levelling 100:33 + 30%, 2 coats with 1,4 mm nozzle.

