

PRODUCT DATA SHEET

GRAPHITE HD CHASSIS SURFACER, P 5432

beige-grey

Range of application:

chassis painting, container, construction machinery (steel), steel and galvanized steel spare parts



Performance:

- suitable on all RM CV primer
- suitable for large areas / surfaces
- chromate free with good corrosion protection
- good coverage of shot blasted profile
- brilliant top coat appearance
- outstanding application characteristics
- tintable

Substrates:

- = very well suited
- = well suited
- = suited in some cases

Steel	●●
Galvanized steel	●
Stainless steel	
Aluminium	
Anodized Aluminium	
GRP / SMC	●●
PP-EPDM	
RM CV-Primer	●●
RM CV-Primer-Filler / Filler	
Powder coating	●
Coil-Coating	●
Plywood	●●
Wood	●●
OEM-paint work	●
old paint work	●●

Remarks:

The substrate should be clean, free of dust, rust, oil and grease
Aluminum-Chassis have be primed with a suitable primer

Special remarks

- It cannot be ruled out that this product contains particles < 0.1 µm
- The e products are suitable for professional use only.
- **2004/42/IIIB (c I)(540)508:** The EU limit value for this product (product category: IIB.c I) in ready to use form is max.540 g/l. The VOC content of this product is **508 g/l**.



Painting process

P 3, RAPID 1

Spreading rate

≈ 435 m² / l / 1µm

Solid content (RFU)

≈ 73% (≈ 61%)

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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Perfection made simple







Internal






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PF

	Mixing ratio	100:25:25 by volume		
	Hardeners	H 360		
	Reducer	GV 300, slow GV 400, very slow GV 400, very slow	15 - 20°C 20 - 25°C 25 - 30°C	
	Viscosity DIN 4 / 20° C	25 s. DIN 4	Potlife 20 °C	2 h

Application parameter		 Compliant - gravity feed cup	 HVLP - Spray gun	 Suction cup	 Airless/Airmix (ESTA)	 Pressure pot Dble.-Memb. Pump
Atomization pressure	bar	2,2 - 2,5	2,0	2,5	2	2,5
Paint pressure	bar	-	-	-	120 - 150	0,8 - 1,5
Nozzle size	mm	1,6 - 1,8	1,5 - 1,7	1,5 - 1,7	0,28 - 0,33	1,0 - 1,1
Voltage	kV				50 - 80	
Elect. Resistance	Ω				300 - 500	
Spray coats		2	2	2	1 - 2	2
Flash - off	min.	without	without	without	without	without
Filmbuild	µm	60 - 70				

Drying		 Over-coatable	 Tack-free	 Ready for masking	 Ready to assemble	 Sandable
		Min.	Max.			
Object temp.	20°C	60 min	72* h	2 h	16 h	16 h
Object temp.	60°C	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.
 Can be overcoated with CV topcoats of Lines GHD TOPCOAT, DIAMOND.
 For tinting see CV Primer Tinting Paste GHD PRIMER TINTING PASTE !
 Mixing Ratio 100:20:20 by volume = Higher viscosity e.g. for blasted steel substrats
 The adhesion on hot dipped galvanized steel has to be checked before.
 * Line DIAMOND has to be applied within 1 working day
 With UP spray filler Apply 1 fullcoat ~30 - 40µm.

