### GRAPHITE HD TOPCOAT + CV 40M MATTING MIXING CLEAR

#### Application

all applications where a reduced gloss is required, construction machinery (steel), chassis painting, chassis (color change)



#### **Description:**

- all gloss levels can be achieved
- suitable on all RM CV primer filler and filler
- suitable for large areas / surfaces
- good leveling
- excellent UV resistance
- Excellent surface hardness
- good hiding power

#### Substrates:

•• =	very well suited
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- = well suited
- O = 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	0
Old paint work	0

Remarks:	The substrate should be clean, free of dust, rust, oil and grease				
	The complete color range for CV-appli	cation is covered			
Special remarks	The products are suitable for professional use only.				
	<ul> <li>It cannot be ruled out that this product contains particles &lt; 0.1 µm</li> </ul>				
	<ul> <li>2004/42/IIB (e)(840)830: The EU limit value for this product (product category: IIB(d) in ready to use form is max 840 g/l. The VOC content of this product is 830 g/l.</li> </ul>				
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Paint process	Can be used for all CV Painting Proc	cesses.			
Spreading rate	≈ 536 m <sup>2</sup> / I / 1µm Solid con	tent ≈ 67 %			
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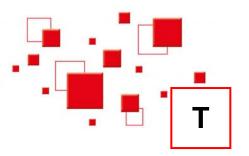
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# PRODUCT DATA SHEET

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Pre-mix	Line GHD TOPCOAT u. CV 40M MATTING MIXING CLEAR 100:20 Vol. = Gloss 75 - 85 E / 60 $^{\circ}$ exchange Mixing clear CV70M to CV 40M = gloss 70 - 85 E / 60 $^{\circ}$ exchange Mixing Clear CV70M to CV 40M and add CV 40M in mixing ratio 100:20 = gloss 50 - 65 E / 60 $^{\circ}$						
	100:20:20 by volume						
Hardener		H 770 / H 750 or H 700					
Reducer		GV 200 CV, normal <b>GV 300, slow</b> GV 400, very slow		15 - 20°C <b>20 - 25°C</b> 25 - 30°C			
Spray viscosity DIN 4 / 20°C		18 - 22 s. DIN 4		Potlife 20 °C		1,5 h	
Application		Compliant- gravity 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	
/oltage	kV	-	-	-	50 - 80	-	
Elect. Resistance	Ω	-	-	-	700 - 1500	-	
Number of spraycoats		2	2	2	2	2	
Flash off	min.	10 - 15	10 - 15	10 - 15	10 - 15	10 - 15	
Filmbuild	μm	40 - 60					
<u>}</u> }}})		over- coatable	tack free	<b>J</b> tapeable	ready to assemble	sandable	
Panel temperat.	20°C	Min. Max. 16 h	2,5 h	16 h	12 h	16 h	
Panel temperat. Panel temperat.	20°C	30 min	2,5 n 30 min	30 min	30 min	30 min	

Remarks

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Application: After the first coat a flash off of 10-15 min is required, after the second coat flash off until matt. Attention: hardeners do affect gloss level, mentioned values of gloss with CV40M based on drying with H770. Recoatable with itself without intermediate sanding for up to 16 hours after application. Pre-spray adhesion promoter TRANSPARENT SEALER CP prior to multi-colour finishing if painted surface was baked or flashed-off for 16 h. Due to the reduced gloss level not suitable for blend in processes

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