

PRODUCT DATA SHEET

GHD TOPCOAT

+ CV 40M MATTING MIXING CLEAR

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Application

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



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	○

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

Remarks:

The substrate should be clean, free of dust, rust, oil and grease
The complete color range for CV-application is covered

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 (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.**



Paint process

Can be used for all CV Painting Processes.

Spreading rate

≈ 536 m² / l / 1µm

Solid content

≈ 67 %

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

Jan 2014

Perfection made simple



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Pre-mix

Line GHD TOPCOAT u. CV 40M MATTING MIXING CLEAR 100:20 Vol. (20 %) = Gloss 75-85 E / 60 °
 exchange Mixing clear CV35M to CV 40M (30 %) = gloss 70-85 E / 60 °
 exchange Mixing Clear CV35M to CV 40M
 and add CV 40M in mixing ratio 100:20 (50 %) = gloss 50-65 E / 60 °



Mixing ratio 100:20:20 by volume



Hardener H350 or H300



Reducer GV200 CV, normal 15 - 20°C
 GV300, slow 20 - 25°C
 GV400, very slow 25 - 30°C



Spray viscosity 18-22 s. DIN 4 **Potlife 20 °C** 1,5 h
DIN 4 / 20°C

Application



Compliant-gravity feed cup



HVLP-Spray gun



Suction cup



Airless/Airmix (ESTA)



Pressure pot/ Dble membr. Pump

	bar	2,2 - 2,5	2	2,5	2	2,5
Atomization pressure	bar	--	-	-	120 - 180	0,8 - 1,5
Material pressure	mm	1,4	1,5	1,7	0,23 - 0,28	1,0 - 1,1
Nozzle size	kV	-	-	-	50 - 80	-
Voltage	Ω	-	-	-	700 - 1500	-
Elect. Resistance		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Number of spraycoats	min.	10-15	10-15	10-15	10-15	10-15
Flash off	µm	40-50				
Filmbuild						



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: After the first coat a flash off of 10-15 min is required, after the second coat flash off until matt. Recoatable 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. Airless or Airmix - substrate temperature not to exceed 45° C when oven drying !! Use CV38M instead of CV35M. Due to the reduced gloss level not suitable for blend in processes