

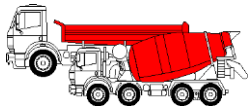
PRODUCT DATA SHEET

GHD CV 40M MATT MIXING CLEAR

Z

Application

all applications where a reduced gloss is required



Description:

- suitable on all RM CV primer filler and filler
- good matting effect
- excellent UV resistance
- good leveling
- all gloss levels can be achieved

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

Special remarks

- The products are suitable for professional use only.
- It cannot be ruled out that this product contains particles < 0.1 µm



Paint process

Spreading rate

≈ 404 m² / l / 1µm

Solid content

≈ 31 %

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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** 2 h

Application



Compliant-garvity 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	40-60				
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



A maximum addition 20% (100:20) with GHD TOPCOAT gives a gloss level of about 75-85%
 GHD CV 40M must be stirred in with an air stirrer or alternatively a shaker.
 GHD CV 40M can only be used in line GHD TOPCOAT.
 For alternative gloss levels see index block D
 After the first coat a flash off of 10-15 min is required, after the second coat flash off until matt.

