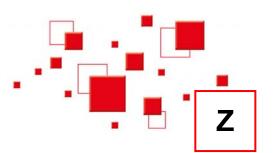
PRODUCT DATA SHEET

GRAPHITE HD CV 40M MATTING MIXING CLEAR



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
- Gloss level adjustable via Color Explorer or Shop Master

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
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

Can be used for all CV Painting Processes.

Spreading rate

 $\approx 404 \text{ m}^2 / I / 1 \mu \text{m}$

Solid content

≈ 31 %

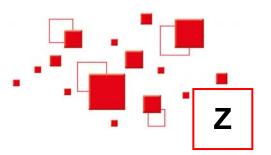
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GRAPHITE HD CV 40M MATTING MIXING CLEAR





Pre-mix

Line GHD TOPCOAT u. CV 40M MATTING MIXING CLEAR 100:20 Vol. = Gloss 75-85 E /

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 $^{\circ}$

Mixing ratio

100:20:20 by volume

Hardener

H 770 / H 750 / H 700

Reducer

GV 200 CV, normal **GV 300, slow** GV 400, very slow

15 - 20°C 20 - 25°C 25 - 30°C

Potlife 20 °C

Spray viscosity DIN 4 / 20°C

18 - 22 s. DIN 4

2 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			
Voltage	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							

It/It/ Drying		over- coatable	tack free	J 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

A maximum addition 20% (100:20) with GHD TOPCOAT gives a gloss level of about 75-85% 60° GHD CV 40M must be stirred in with an air stirrer or alternatively a shaker!

Attention: The various topcoat hardener do influence the gloss level, above mentioned gloss values refer to drying CV 40M with H 770.

Remarks

Mix hardener and reducer according to mixing stick 100:20:20 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.

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