



TECHNICAL DATA SHEET

## DIAMOND CLEARCOAT SCRATCH RESISTANT

Clearcoat in Medium Solid system which is characterized by good hardness and resistance to UV rays. It is resistant to troublesome weather conditions. It has very good resistance to stone impact, coating does not chip off even with strong strokes of stones. Durability and excellent gloss gives the coating the “colour depth” effect and guarantees its high quality. Is compatible with all solvent basecoats including water basecoats. Occurs with hardener in standard or rapid version.

### MIXING RATIO



<b>A:</b> Clearcoat “scratch resistant”	100	
<b>B:</b> Hardener “scratch resistant”	50	
<b>C:</b> Acrylic thinner AV01, AV05, AV25	5%	Full flow
	0%	Orange peel texture

### Comments

Amount of thinner calculated for weight of the clearcoat.  
Do not use other thinner than acryl thinner.

### PHYSICAL PROPERTIES

CODE	DESCRIPTION	PIECES PER PALLET
CD05-1	Clearcoat scratch resistant 1 liter	576
CD05-5	Clearcoat scratch resistant 5 liter	160
HNCD-0,5	Hardener scratch resistant normal 0,5 liter	576
HFCD-2,5	Hardener scratch resistant normal 2,5 liter	160
HFCD-0,5	Hardener scratch resistant fast 0,5 liter	576
HFCD-2,5	Hardener scratch resistant fast 2,5 liter	160
AV01	Acrylic thinner 1 liter	576
AV05	Acrylic thinner 5 liter	160
AV25	Acrylic thinner 25 liter	24



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### APPLICATION

	Number of layers	2
	Pressure	2 - 2,5 bar
	Nozzle	1.3 - 1.4 mm
	Flash off between layers	10 - 12 min
	Mixture life after mixing clearcoat with standard type of hardener	60 min at 20°C

The first layer of clearcoat is applied to the pre-dried layer of basecoat. Second layer of clearcoat should be applied as a full layer and left to complete flow and hardening. Coating of clearcoat can be hardened by using IR heater. Please note that IR heater should not be turned on earlier than after about 15 minutes after application last layer of clearcoat.

### DEDICATED HARDENERS

- Hardener **Normal**
- Hardener **Fast**

### ADDITIONAL INFORMATION

	Viscosity (DIN 4/20°C)	
	Without thinner	16 - 17 s
	After adding thinner	15 - 16 s
	Operating hardness	14 h at 20°C 30 min at 60°C
	Ending hardness	4 days
	Dust-free	20 min at 20°C
		5 min at 50°C

### CONTENT OF VOLATILE ORGANIC COMPOUNDS

Maximum content of VOC in product	562 g/l
VOC for category: II,B/e	840 g/l

Clearcoat complies standards of EU Directive 2004/42/CE/II,B/e(840)

# GERKO

PAINT RELATED PRODUCTS



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### GLOSS

Output gloss

96°

### STORAGE CONDITIONS

Store in tightly closed containers, in a cool, dry place away from sources of fire and heat. Avoid exposure to sunlight.

### STORAGE TIME

Clearcoat scratch resistant

Hardener **NORMAL/FAST**

**NOT LESS THAN:**

24 months

12 months

### CLEANING EQUIPMENT

For cleaning equipment can be used acryl thinner. It is recommended to use thinner for cleaning paint spray guns.

### HEALTH AND SAFETY REGULATIONS

See Safety Data Sheet of the product.

### SPECIFIC WEIGHT

Clearcoat scratch resistant – about 1.0 g/cm<sup>3</sup>

Hardener scratch resistant – about 1.0 g/cm<sup>3</sup>