



TECHNICAL DATA SHEET

CRISTAL CLEARCOAT UHS

Two-component acrylic clearcoat characterized by high content of solids. High hardness, resistance to: weather conditions, UV rays and stone impact. Coating does not chip off even with strong strokes of stones. Has excellent gloss, excellent flow and elasticity which guarantees the perfect look of painted coating.

MIXING RATIO



A: Clearcoat CRISTAL UHS	100
B: Hardener CRISTAL UHS	50
C: Acryl 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
CC10-1	Clearcoat CRISTAL UHS 1 liter	576
CC10-5	Clearcoat CRISTAL UHS 5 liter	160
HNCC-0,5	Hardener CRISTAL UHS normal 0,5 liter	576
HNCC-2,5	Hardener CRISTAL UHS normal 2,5 liter	160
HNCC-0,5	Hardener CRISTAL UHS normal 0,5 liter	576
HFCC-2,5	Hardener CRISTAL UHS 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	18 - 19 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	35 min at 20°C
3 min at 50°C		

CONTENT OF VOLATILE ORGANIC COMPOUNDS

Maximum content of VOC in product	418 g/lw
VOC for category: II,B/e	420 g/l

Clearcoat complies standards of EU Directive 2004/42/CE/II,B/d(420)

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GLOSS

Output gloss | 97°

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 CRISTAL	NOT LESS THAN:	24 months
Hardener NORMAL/FAST		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 **CRISTAL** – about 1.0 g/cm³
Hardener **CRISTAL** – about 1.0 g/cm³

