

DIAMOND 4000 UHS

2K UHS ACRYLIC CLEARCOAT

2K UHS Clearcoat Ultra Productive for use on double-coating systems. Composition based on Acrylic polyurethane copolymer.
Noted for its high content of non-volatile matter on viscosity application, in compliance with environmental regulations (VOC).

PRODUCTS

ACRYLIC CLEARCOAT DIAMOND 4000 UHS
HARDENER CRH 44 MEDIUM
HARDENER CRH 46 FAST
HARDENER CRH 48 ULTRA FAST
HARDENER CRH 42 SLOW

PROPERTIES

- Provides good both air and furnace drying.
- Allows easy polishing.
- Increases productivity in air drying, as well as low furnacing or IR dry.
- Can be used to repair patches, panels and general repairs.
- In compliance with VOC according to 2004/42/CE.

SUBSTRATES

- CROMAQUA and CROMACRYL double coating finishes.
- Surfaces must be sanded and clean.

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PRODUCT PREPARATION

MIXING RATIO VOLUME	Horizontal panel or mid size reparations				
	Volume	Weight	Thinner	Weight	
CRH 44	2:1	100:50	CRS 350	0-5%	
CRH 46	2:1	100:50	CRS 370	0-5%	
CRH 48	2:1	100:50	CRS 390	0-5%	
CRH 42	2:1	100:50			
VOC	420G/L				
POT-LIFE AT 20°C	CRH 44	60-90 min.			
	CRH 46	30 min.			
	CRH 48	20-30 min.			
	CRH 42	60-90 min.			
APPLICATION VISCOSITY AT 20°C	DIN 4	18-20 S			
APPLICATION EQUIPMENT	SPRAY GUN HLPV	Nozzle	Distance	Pressure	
	GRAVITY	1,3.-1,5 mm.	10-15 cm.	Entre 1,8.-2,2 bars	
NR LAYERS	1/2 coats and one full coat. 50-60 microns.				
EVAPORATION TIME	5-10 min. between layers. 5-15 min. before oven (depending on the cabin).				
DFT	50-60				
DRYING TIME		CRH 44	CRH 46	CRH 48	CRH 42
	TOUCH FREE	30 min. a 60°C	25 min. a 60°C	20 min. a 60°C	30 min. a 60°C
	DRY	3 h.	2 h. 30 min.	1 h. 30 min.	4 h.
INFRARED DRYING	EVAPORATION TIME	10 min.	5 min.	5 min.	10 min.
	MIDDLE WAVE	20 min.	15 min.	10 min.	20 min.
	POLISHING	60 min.	60 min.	60 min.	60 min.

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SURFACE PREPARATION

- Wash the surface with soap and water. Rinse and dry.
- Remove grease thoroughly with proper cleanser. Dry surface with a clean cloth.
- Repair damages.
- Degrease using proper cleansing product. Dry with clean cloth.
- Make sure there are no traces of dust.

APPLICATION OF CLEARCOAT

When the double-coating is completely matt, apply a light coat of clearcoat followed by a second full coat, allowing 0-3 min. for evaporation between coats, or two coats with 5-10 min. evaporation time in between coats (moment in which the first coat is between wet and dry).

CHEMICAL RESISTANCE

Dried product can withstand short exposures to the following chemicals:

- Sodium Hydroxide
- Sulfuric Acid
- Phosphoric Acid
- Ammonia
- Sodium Hydroxide

STORAGE

Store products under cover, in a well-ventilated area, away from direct sun-light. Store at temperatures between 5- 30 Degrees Celsius.

Duration of container 2 years. After that period, please consult our technical department.

CLEANING OF EQUIPMENT

Use spray gun solvent.

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HEALTH AND SAFETY

For Professional use Only.

KEEP AWAY FROM CHILDREN. WARNING! FLAMMABLE CONTENT.

HARMFUL VAPORS AND VOLATILE COMPOUNDS. IRRITATING TO EYES AND SKIN.

Handle CROMAUTO products only after having read and understood completely the materials security and safety information data sheets. Make sure that every employee is aware of data information sheets as well as all the chemical substances they get in contact with. The Manufacturer recommends the use of an air respirator while being exposed to the sprayed mist and vapors. Use appropriate clothing, gloves, and goggles with side shields.

The information provided in these sheets is given in good faith, but it does not constitute a guarantee. The included information represents our current knowledge and it is aimed to serve as a guide or reference of our products and their purpose, but it does not guarantee certain properties of the products nor their specific applications.

Please, respect every warning on the products labels.