

CC16 UHS CLEARCOAT

DEFINITION

Very fast drying, ultra-high solid, 2K acrylic clear coat, with high initial hardening rate.

Ready to use: no thinner is needed to obtain excellent rheology and perfect levelling. The cured film shows outstanding gloss, hardness and great durability due to high resistance to chemicals and weathering.

Well balanced pot life enables safe application with a single catalyst. Designed for use on solvent- and waterborne base coats.

CHARACTERISTICS

Part A- CC16 UHS Clearcoat:

- Density: $1.00 \pm 0.03 \text{g/cm}^3$
- Color: light yellow
- Non volatile matter: $65 \pm 5\%$

Part B- CC16C catalyst:

- Density: $1.00 \pm 0.03 \text{g/cm}^3$
- Color: transparent or light yellow
- Non volatile matter: $60 \pm 5\%$

Ready to use product:

- Chemical nature: polyurethane
- Non volatile matter: $63 \pm 5\%$
- Color: transparent
- Viscosity (DIN 4 mm a 20°C): 16-18 seconds

SUBSTRATE PREPARATION

Surfaces to be treated must be clean, sanded, degreased, and dry.

Before application, we recommend conducting preliminary tests to verify the product's compatibility with the surface to be treated, given the wide variety of application conditions and materials available on the market.

PREPARATION OF THE MIXTURE

By volume: 2 parts Clearcoat + 1 part Catalyst

By weight: 100 g Clearcoat+ 50 g Catalyst.

Mix the two components thoroughly separately, and then mix in the established ratios.

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

POT-LIFE

50 minutes at 20°C.

APPLICATION

Apply with a gravity-feed spray gun with a nozzle diameter of 1.3 mm, operating pressure as recommended by the spray gun manufacturer.

Recommended process conditions: temperature 18°C to 22°C, relative air humidity 40 - 60%

Apply half thin closed coat and one full wet coat, with a 5-7-minute flash-off break between the coats. Dry film thickness: 50-60 microns. Keep the flash-off time of 10 minutes before drying in an oven.

DRYING TIME

- Dry to touch:
in air at 20°C: 1-1.5 hours
in oven at 60°C: 10 minutes
- Dry to sand:
in air at 20°C: 3.5-4 hours
in oven at 60°C: 15 minutes
- Full hardness:
in air at 20°C: 4 days
in oven at 60°C: 15 minutes + 3 days at 20°C

N.B: Prior to polishing the clear coat dried at 60°C, wait up to 1 h for cooling down.

IR drying: 8 - 15 min. Follow the recommendations of the IR lamp manufacturer. Allow the coat to flash-off before drying.

STORAGE

Store the product in a dry place, away from direct sunlight, at temperatures between 5°C and 30°C.

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