

CC16 UHS CLEARCOAT

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.

Fulfills Directive 2004/42/EC (VOC)

CHARACTERISTICS:

CC16 UHS Clearcoat:

- Specific gravity 1.00-1.01 g/cm³
- Colour: light yellow

CC16C Hardener:

- Specific gravity 1.00-1.01 g/cm³
- Colour: clear or light yellow

MIXING RATIO:

By volume: 2 parts Clearcoat + 1 part Hardener

By weight: 100 g Clearcoat+ 50 g Hardener

Mix thoroughly.

Viscosity of the mixture:

16-18 seconds (DIN 4 mm a 20°C)

17-19 seconds (Ford 4 mm a 20°C)

34-39 seconds (ISO 4 mm a 20°C)

POT-LIFE: At 20°C: 50 minutes

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 TIMES:

Dry to touch: in air at 20°C, 1-1.5 hours
in oven at 60°C, 10 minutes

Dry to polish: 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.

Theoretical efficiency: 10/12 m²/L.

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.