

## CCLEAR CARBON CLEARCOAT

### DEFINITION

Two-component clearcoat for carbon fiber parts, characterized by high initial curing rate, combined with optimal rheology and levelling. Once cured, the product develops outstanding gloss, hardness, and long-term resistance – in particular, it is not deteriorated by chemical and atmospheric agents. It is easy to polish and provides strong UV protection.

The pot life is well balanced to allow safe application.

### CHARACTERISTICS

Part A – CCLEAR Clearcoat 157CCLEAR:

- Density:  $1.01 \pm 0.03 \text{ g/cm}^3$
- Color: light yellow
- Solid content:  $53 \pm 3\%$

Part B – CCLEARC Catalyst 157CCLEARC:

- Density:  $1.01 \pm 0.03 \text{ g/cm}^3$
- Color: colorless or light yellow
- Solid content:  $55 \pm 3\%$

Ready-to-use product:

- Color: colorless or light yellow
- Solid content:  $55 \pm 3\%$
- Viscosity (DIN 4 mm at 20°C): 16–18 seconds

### SUBSTRATE PREPARATION

Suitable for application on all carbon fiber substrates – both small parts and complete vehicles.

Can be applied over water-based or solvent-based basecoats. It is recommended to apply the clearcoat within two hours after basecoat application.

If the substrate has been treated with a pore-sealing primer, a preliminary adhesion test is recommended before application.

*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.

## PREPARATION OF THE MIXTURE

By volume: 2 parts Part A + 1 part catalyst

By weight: 100 g Part A + 50 g catalyst

Mix the two components thoroughly.

**The use of the complete system is recommended: combining with external hardeners or thinners may cause adhesion and drying issues.**

## POT LIFE

At 20°C: 50 minutes.

## APPLICATION

Apply using a gravity-feed spray gun, nozzle Ø 1.3 mm, pressure according to the gun manufacturer's instructions.

Recommended application temperature: 18–22°C with relative humidity between 40–60%.

Spray one light half-coat followed by one full coat, with a flash-off time of 5–7 minutes between coats.

Dry film thickness: 50–60 microns.

Before oven drying, allow a flash-off time of 10 minutes.

## DRYING TIME

- Dry to touch:  
Air dry at 20°C: 1–1.5 hours  
Oven at 60°C: 10 minutes
- Dry to sand:  
Air dry at 20°C: 3.5–4 hours  
Oven at 60°C: 15 minutes
- Full hardness:  
Air dry at 20°C: 4 days  
Oven at 60°C: 15 minutes + 3 days at 20°C

Note: Before polishing clearcoat dried at 60°C, allow it to cool for at least one hour.

IR lamp drying: 8–15 minutes. Follow the IR lamp manufacturer's instructions. Allow flash-off before drying.

## STORAGE

Store in a cool, dry environment, protected from direct sunlight, and at temperatures between 5°C and 35°C.

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