

CLEAR X3-TRASPARENTE UHS ANTIGRAFFIO

DEFINITION

High-performance two-component ultra high solid clear coat (UHS), formulated to deliver outstanding gloss and excellent final hardness. It can be used with different catalysts to best suit application times according to working climate conditions. It ensures a smooth, high-quality finish thanks to excellent flow and leveling, even on vertical surfaces. Easy to polish and user-friendly, it is ideal for both small spot repairs and full panel resprays. Compatible with both solvent-based and waterborne basecoats.

CHARACTERISTICS

Part A:

- Density (20°C): 0.98–0.99 g/cm³
- Colour: Transparent/yellowish
- Solid content: 60% ±2

Part B Standard Catalyst (Code: 157CCX3ST/UHS) - Fast Catalyst (Code: 157CCX3F/UHS):

- Density (20°C): 1.03–1.05 g/cm³
- Colour: Colourless/light yellow
- Solid content: 58% ±2

Ready-to-use product:

- Chemical nature: Two-component acrylic
- Solid content: 60% ±2
- Viscosity (DIN 4 mm at 20°C): 18–20 sec
- Viscosity (ISO 4 mm at 20°C): 50–52 sec

SUBSTRATE PREPARATION

Surfaces must be perfectly degreased, clean, and dry before application. Suitable for both solvent-based and waterborne basecoats.

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 of Part A + 1 part of Part B

By weight: 100 g of Part A + 53 g of Part B

POT LIFE

With standard catalyst (Code: 157CCX3ST_UHS): 60 minutes at 20°C

With fast catalyst (Code: 157CCX3F_UHS): 40 minutes at 20°C

APPLICATION

Apply using a gravity-feed spray gun with a 1.2–1.3 mm nozzle, following the pressure recommendations provided by the spray gun manufacturer.

Application is recommended at a temperature between 18°C and 22°C, with relative humidity between 40% and 60%.

Spray one cross coat on flat areas, allowing 2–5 minutes flash-off time between coats. For vertical surfaces, apply a light half coat followed by a full coat.

Dry film thickness: 50–60 µm.

DRYING TIME**With standard catalyst Code 157CCX3ST/UHS**

- Dry to touch:
 - Air drying at 20°C: 5 hours
 - Oven drying at 60°C: 20 minutes
- Dry to polish:
 - Air drying at 20°C: 6–8 hours
 - Oven drying at 60°C: 30 minutes
- Full hardness:
 - Air drying at 20°C: 7 days
 - Oven drying at 50°C: 30 minutes + 7 days at 20°C

With fast catalyst Code 157CCX3F/UHS

- Dry to touch:
 - Air drying at 20°C: 4 hours
 - Oven drying at 60°C: 15 minutes
- Dry to polish:
 - Air drying at 20°C: 5–6 hours
 - Oven drying at 60°C: 20 minutes
- Full hardness:
 - Air drying at 20°C: 7 days

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Oven drying at 50°C: 20 minutes + 7 days at 20°C

Note: Before oven drying, allow a flash-off time of 10 minutes. For IR drying, the required time is 12–15 minutes. Follow the infrared lamp manufacturer's recommendations, ensuring proper flash-off time before drying.

STORAGE

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

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