



DESCRIPTION

HE TOP CLEAR UHS is a two-component, extra-fast, scratch-resistant, high-solids UHS acrylic clear coat. Provides a clear finish for body cycles and industrial vehicles, with excellent applicability and high surface wettability. Offers good scratch resistance and a high level of gloss.

Characteristic for its speed of drying and the depth of the final finish that provides a higher gloss than varnishes in the category of the slowest drying acrylic UHS.

It is an easy to apply varnish thanks to its low viscosity. Ideal for both small repairs as well as large surfaces. It has excellent adhesion on bilayer bases, both solvent-based and water-based, as well as good durability and resistance to aging.

Classification according to Directive 2004/42 / CE Dlg 161/06: Cat. B / d) EU LIMIT VALUE g / l 420 - CONTENT g / l 420.

CHARACTERISTICS

Acrylic clear coat with aliphatic isocyanates of high solid content, characterized by a high speed of surface drying. Due to its characteristics, it does not yellow and is resistant outside. It is a varnish especially suitable for small, partial and complete repairs. It has good resistance to solvents and chemicals.

TECHNICAL DATA

Composition: Modified acrylic

Colour: Transparent

Specific gravity: 0.95 to 1.05 g/ml

Gloss: from 95 to 100-60

Dilution Ready-to-use

Application viscosity 16-18" T Ford 4

Pot life 1 hour at 20°C

Thickness:

- Wet film thickness: 100 micron per coat with catalysed product
- Dry thickness: 50 microns per coat

Flash-off time: 5-10' at 20°C

Drying temperature:

- Booth drying: 5-10 minutes at 60°C
- Drying at room temperature: 2-3 hours at 20°C
- Dust-free drying: 30 minutes at the indicated thickness per coat
- Through-drying: from 48 to 72 hours at the indicated thickness per coat
- Total polymerisation: 7 days at the indicated total thickness
- Temperature resistance: 80°C in continuous operation

Theoretical average coverage (*) 9,8-12 m²/Kg 9,9-12 m²/l

Theoretical average consumption 100 g/m²

RECOMMENDED PREPARATION AND APPLICATION

APPLICATION

Apply on perfectly clean and dry surfaces according to the instructions recommended by the paint manufacturer.

Spray application with HVLP/LVLP spray gun with 1.2 - 1.4 mm nozzle 2-2.5 bar is recommended. We recommend applying a thin coat followed by a wet coat (1/2 + 1).

APPLICATION TEMPERATURE

Support: 5° - 35°C C and always 3°C above the Dew Point.

Ambient: Min. 5°C - Max 35°C

Relative humidity: 60%.

MIXING RATIO (A+B)

By weight: 100 + 50

By volume: 2:1

Catalysed Specific Gravity (A+B): 1,00 g/ml \pm 0,05 g/l

DRY RESIDUE (A+B)

% by weight $56 \pm 2\%$ by volume $50 \pm 2\%$ (a+b)

% by volume $50 \pm 2\%$ C.O.V.

C.O.V. (A+B): g/l 420 g/l

S.O.V. (A+B): % by weight $42 \pm 2\%$

SECURITY INFORMATION

See Safety Data Sheet.

WARNINGS AND RECOMMENDATIONS

After the expected drying cycle, 10 'at 60 ° C, the film can be polished after 90 minutes. If drying is carried out at an ambient temperature of 25 ° C, the product can be polished 3 hours after application. In view of the need to speed up drying (at low temperatures and for small repairs), HE TOP HARDENER FAST with a catalysis ratio 2: 1 by volume can be used as an alternative to HE TOP HARDENER STANDARD.

For application at high temperatures and on large surfaces, we recommend the use of HE TOP HARDENER SLOW with a catalysis ratio of 2: 1 by volume.

All times indicated in relation to application (pot life, dust-free drying, touch dry, etc.) refer to a temperature of approximately 20 ° C, unless otherwise specified. Handle the products with care, following the current regulations on personal safety and the environment.

AVAILABLE PACKAGING

Code	Description	Packaging
5009-001130	HE TOP CLEAR UHS	5 L
5009-001131	HE TOP HARDENER RAPIDO	2.5 L
5009-001132	HE TOP HARDENER NORMAL	2.5 L
5009-001133	HE TOP HARDENER LENTO	2.5 L

*For more information about our products or means of application, please visit our website www.carrepairsystem.eu or send us an e-mail to info@carrepairsystem.eu

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