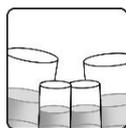


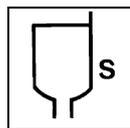


HC200 HYDROFAN HI-TECH CLEARCOAT



1000 g +
500 g +
250 g +
250-400 g

Pot life at 20°C:
90'



14-18" DIN 4
at 20°C



Ø 1,2-1,3 mm
2 Atm
N° coats: ½ + 1



Low bake at 60°C:
35 min.



8-10' flash-off
15-20' max. power



Always use DPI

DESCRIPTION

Fast drying water-borne clearcoat with high aesthetical aspect for low solvent emission painting processes, compliant with DIR 2004/42/CE.

USE

Clearcoat for two-coat mica, metallic and solid finishes, designed for touch-ups and complete car repainting in Car Refinish and commercial vehicle repairs.

CHARACTERISTICS

- Low VOC content
- Easy application
- Good vertical stability
- Rapid development of hardness and chemical resistances
- High gloss and aesthetical appearance
- High weather resistance
- Easy polishing

SUBSTRATE PREPARATION

Surfaces already painted with water-borne HYDROFAN matt basecoats. Its use on solvent-based BSB matt basecoat is also possible.

APPLICATION

Spraying.

Mixing ratio:

	weight
HC200 HYDROFAN HI-TECH CLEARCOAT	1000
HH200 HYDROFAN HI-TECH HARDENER	500
HT200 HYDROFAN HI-TECH CLEARCOAT ADDITIVE	250
00089 DESALTED WATER (DESALTED WATER)	*250 to 400

*The quantity of 00089 can vary according to weather conditions or user's needs

NOTE: After adding the hardener HH200 we suggest you mix well the mixture, then add the additive HT200 and stir the mixture a second time; at last add desalted water and mix thoroughly again.

Pot life at 20°C: 90 min.

Spray application at 20°C: 14-18" DIN 4

Ø Air cap: conventional 1,2-1,3 mm
Air pressure: 2 Atm at the gun stock (or following the gun producers' instructions)
N° of coats: ½ thin and well stretched coat + 1 regular coat
Recommended film thickness: 30-50 µ
Theoretical coverage at 40 µ: for 1 kg mixture 7,65 m²
for 1 l mixture 7,9 m²

DIR 2004/42/CE: Topcoat IIB/d – VOC ready for use 420 g/l
This product ready for use contains at most 420 g/l VOC (water excluded)

Application methods

Apply a thin and well stretched coat; wait 10 minutes, then apply a second regular coat.
Final flash-off before drying: 15 minutes

Note:

Use the specific fade-out thinner 00770 FADE-OUT THINNER X HYDROFAN 2K CLEARCOAT (TDS n° 0615) to uniform the fade-out area between HYDROFAN HI-TECH CLEARCOAT and the original area.

DRYING TIMES

The product combines a flash-off allowing you to perform a safe application even at high temperatures with a rapid reaction with the hardener: this allows to achieve a fast cross-linking and a following rapid development of hardness and chemical resistances.

Air drying at 20°C

Dust-free: 40 min.
Handling: 6-8 h
Through-drying: 1-2 days

Low bake at 60°C (object temperature)

35 min.
Wait 15 min. flash-off before low baking. The drying is completed within the two following days.

IR Lamps (always follow the lamps producer's instructions):

Flash-off: 8-10 min.
Maximum power: 15-20 min.
Distance: 60-80 cm

POLISHING

After 24 h air drying at 20°C or after low baking wait about one hour until the car has reached the room temperature again (about 1 h), then remove any possible dirt and polish (see Polishing Painting Processes TDS).

OBSERVATIONS

Keep away from frost: storage temperature: +5° - +35°C. Guaranteed storage stability: 12 months.

The opalescent clearcoat's aspect during the application and in the first drying phases is to be considered absolutely normal.

Remember that the painted vehicle must not be exposed to severe conditions in the first days after being painted. Until the film has reached the complete crosslinking, strong humidity condensation, like dew and frost and contact with aggressive agents like smog, detergents, salt on the roads, must be avoided.

TECHNICAL DATA SHEET N° 0705-GB **UPDATED 10/2021**

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