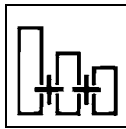


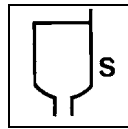


HF 950 - HYDROFAN 2K CLEARCOAT

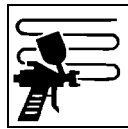


1000 ml +
500 ml +
150-200 ml

Pot-life at 20°C
4-5 hours



17-19" DIN4
at 20°C



Ø 1,2-1,4 mm
3 Atm

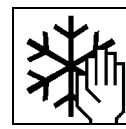
N. of coats: 1-2



Low bake at 60°C:
40 min.



10-15' flash-off
20-25' max. power



+5- +35° C

DESCRIPTION

Two-pack water-borne clearcoat with low solvent emission (VOC < 420 g/l).

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.
- Glass hardness.
- Excellent brightness and very good aesthetical appearance.
- Excellent 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:

HF950 HYDROFAN CLEARCOAT
HH960 HARDENER HYDROFAN CLEARCOAT
00089 DESALTED WATER

by volume and by weight

1000 parts
500 parts
150-250 parts

NOTE: After adding the hardener we suggest to mix well the mixture, then add the thinner and stir the mixture a second time, in order to avoid small lumps or specks formation.

Pot-life at 20 °C: 1 h 30 min.

Spray viscosity at 20°C: 17-19" DIN4

Ø air cap: traditional 1,2-1,4 mm

Air pressure: 3 Atm at the butt (or following the gun producers' instructions)

N. of coats: 1-2 normal

Recommended film thickness: 30-50 µ

Theoretical coverage at 40 µ: for 1 lt mixture 8.9 m²
for 1 kg mixture 8.6 m²

DIR 2004/42/CE: Topcoat IIB/d – VOC ready for use 420 g/l
This product ready for use contains at most 380 g/l VOC (water excluded)

Application methods

Two-coat system: apply two regular and uniform coats
One coat system: apply a wet uniform coat of clearcoat

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 HF950 and the original area.

DRYING TIMES

Air drying at 20°C

Dust-free: 30 min.
Handling: 10-12 h
Through-drying: 4-6 days

Low bake at 60°C (object temperature)

40 min. (after 30 min. film flash-off at 20°C and 50% relative humidity or when the film is completely clear/transparent)

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

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

The through drying proceeds in the following 3-4 days.

In Car Refinish low baking is always recommended to obtain a better finishing.

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, then remove any possible dirt and polish.

OBSERVATIONS

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

DO NOT USE HF900-920 HYDROFAN THINNER.

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

In case of drying at temperatures below 60°C, the painted car must not be exposed to severe conditions in the first days after the painting. Until the film has reached the complete cross-linking, 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° 0520-GB **UPDATED 03/2008**

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