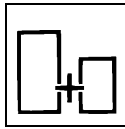




HYDROFAN HE BASE COAT



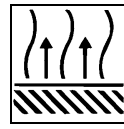
STD: 1000 ml +
100-200 ml



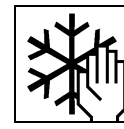
Ø 1,1-1,2-1,3 mm
Reduced pressure or
HVLP



10-20 µ



Up to thorough
matting



+5° - +35° C

HE: 1000 ml +
HR100-2 150 ml

DESCRIPTION

Water-borne matt basecoat for two-coat paintwork to overcoat with clearcoat.

USE

Suitable for all types of paintwork.

CHARACTERISTICS

- Easy and versatile use with two different application methods (Standard and HE)
- Uniform matt surface
- Excellent opacity power and coverage (HE method)
- Fast application (HE method) and drying
- Excellent workability and retouch
- Low environmental impact (VOC ≤120 g/l) (water included)

SUBSTRATE PREPARATION

Sand old coatings or, if necessary, seal with water-borne or solvent-based sealer-filler and sand dry with P400-P500 grit paper. Degrease with 00665 HYDROCLEANER SLOW / 00699 HYDROCLEANER. When using sealers in wet-on-wet systems wait thorough flash-off (according to the TDS of the sealer- filler used) prior to applying the basecoat HYDROFAN.

APPLICATION

Spraying.

Mixing ratio:	volume and weight
HYDROFAN Basecoat (colour according to formulation)	1000 parts

STANDARD PROCESS	
HF900-HF920-HR915 HYDROFAN THINNERS	100-200 parts

HIGH EFFICIENCY PROCESS (see TDS n° 0724)	
HR100-2 HYDROFAN ONE STEP ADDITIVE	150 parts

N.B. In case of overcoating with MC390 MACROFAN UHS AIRTECH MAX CLEARCOAT, it is necessary to activate the matt basecoat with **7% of HH981 HYDROFAN BC EASY ACTIVATOR**, mix thoroughly, then add **HF900-HF920-HR915** or **HR100-2** and mix thoroughly again.

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

Optimal application conditions:	HF900	HF920	HR915	HR100-2
Spray temperature at 35-85% R.H.	15-25°C	25-35°C	20-35°C	See TDS N° 0724

Ø Air cap: 1,1-1,2-1,3 mm reduced pressure or HVLP

Air pressure: as recommended by gun producers

Film thickness: 10 - 20 µ

Coverage (theoretic value): 1 kg mixture = 8 – 9 m² at 20 µ; 1l mixture = 8,5 – 9,5 m² at 20 µ

STANDARD PROCESS:

- Apply a thin coat; after the thorough film matting apply a uniform coat.
- Low covering colours: apply a 2nd uniform coat after the thorough matting of the previous one.
- Micaceous and metallic colours: it is recommended to apply one or more control coats, after the thorough film matting, while using a pressure between 1,2 and 1,5 bar.
- Three-coat colours: thin the mixture of the first coat with HF900, HF920, HR915 or HR100-2 and add HH981 at 7%; apply the first colour up to covering, wait for the thorough film matting, then apply the mixture of the 2nd coat thinned with 15% of HR915.

HIGH EFFICIENCY PROCESS (see TDS n° 0724)

NOTES

Different application techniques as well as spray gun settings can affect the colour and the final aesthetical aspect. Therefore, it is recommended to apply a spray-out card and check the result.

Fade-out of touch-ups

To correctly perform a partial touch-up see the TDS N° 0716 HA777 HYDROFAN EASY BLENDING ADDITIVE or the Painting Process TDS N° CV036 (Airtech Process).

FLASH-OFF

Up to thorough matting.

Note: Drying time is affected by temperature, relative humidity and air flow in the booth that has not to be lower than 12.000 m³/h

MAXIMUM interval before applying the clearcoat:

STANDARD / HIGH EFFICIENCY PROCESS

18 h at 20°C; with HH981 12 h at 20°C

SUGGESTED OVERCOATING

All clearcoats from the REFINISH product range.

OBSERVATIONS

Clean accurately the spray guns immediately after use with water. For a more effective cleaning use HE800 HYDROFAN ESS&RE GUN WASHER.

It is suggested to filter the product with 125 µ gauze (2000 meshes) before applying the colour.

NOTES

KEEP AWAY FROM FROST: Store at + 5° – +35° C

Mixed and NOT THINNED colours have an unlimited pot life and must be stored only in plastic cans tightly closed. Colours ACTIVATED with HH981 have 2 hours pot life at 20°C.

TECHNICAL DATA SHEET N° 0400-GB

UPDATED 01/2025

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