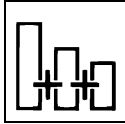


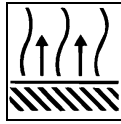


HH980 – HYDROFAN BASECOAT ACTIVATOR



1000 ml HY +
5 ml HH980 +
10-20 ml HF900-920

Utilisation time
at 20°C : 2 h



At 20°C at 50% R.H.:
30 min. or
until complete film
dehydration

Low bake at 40-60°C :
10 min.

DESCRIPTION

Cross-linking additive to use in combination with HYDROFAN Basecoat.

USE

Specific activator for Hydrofan Basecoat system, useable in all two-coat pearl, metallic and solid colours. It has been conceived to improve the mechanical properties (adhesion, resistance to stone chips and to humidity) of the refinishing painting process. Its use is a necessary requirement in combination with MC380 MACROFAN AIRTECH UHS CLEARCOAT and is also recommended for three-coat colours, for car under bonnets, etc.

CHARACTERISTICS

- It improves the mechanical properties and the durability of the two-coat painting process
- It keeps the base coat application unaltered
- It keeps the same drying rapidity as the traditional system
- High gloss of the complete painting process
- Easy touching-up
- Excellent rapidity in execution of the painting process.

SUBSTRATE PREPARATION

According to the TDS n°0400 Hydrofan Basecoat

APPLICATION

By conventional high transfer spray and HVLP.

Mixing ratio:

HYDROFAN Basecoat

weight and volume

1000 parts

Carefully mix after adding the last base colour

HH980 HYDROFAN BASECOAT ACTIVATOR

50 parts

Mix again carefully

HF900-920 HYDROFAN BASECOAT THINNER

100-200 parts

Mix carefully

IMPORTANT

In order to make mixture homogeneity easy, follow carefully what has been recommended above.

Utilisation time at 20°C: 2 hours

Ø Air cap: conventional high transfer 1.2- 1.4 mm; HVLP: 1.2-1.4 mm

Air pressure: as recommended by the spray gun producer

Dry film thickness: 10-20 µ
Theoretical coverage: 8–9 m² for 1 kg mixture at 20 µ
8.5–9.5 m² for 1 l mixture at 20 µ

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

Mode of application of the activated colour:

½ + 1 coat or 2 coats until complete covering – according to the TDS n°0400 HYDROFAN BASECOAT

Optimum application range:

- Temperature 15 – 35°C
- Relative humidity 35 – 85%

Fade-out touch-ups:

in order to correctly obtain a partial touch-up see the painting process TDS n°10 and the TDS n°0552 of HF555 HYDROFAN FADE-OUT BLENDER.

FLASH-OFF

Flash-off before clearcoat application:

30 min. at 20°C and R.H. ≤ 50% or 5–10 min. at 40-60°C

NOTE Make sure that the HYDROFAN film is uniform matt. The drying rapidity greatly depends on temperature and relative humidity, as well as on the spray booth air flow. Low temperatures and high humidity considerably slacken water evaporation.

RECOMMENDED OVERCOATING

- **MC380 MACROFAN AIRTECH UHS CLEARCOAT**
But also all other REFINISH clearcoats
- MC420 MACROFAN UHS CLEARCOAT
- MC411 MACROFAN PROF UHS CLEARCOAT
- MC421 MACROFAN ELITE UHS CLEARCOAT
- MC450 MACROFAN AUTOGARD UHS CLEARCOAT
- HF950 HYDROFAN CLEARCOAT

OBSERVATIONS

The utilisation time of Hydrofan colour after adding HH980 is of about 2 hours; after this time the product loses its mechanical properties and must not be applied. It is therefore recommended to apply the product immediately after its preparation.

HH980 reacts with humidity: it is recommended to always close the can after use in order to avoid any product alteration and the consequent drop in effectiveness.

Greater amounts added than those indicated above could jeopardise the final aesthetical aspect and the film's mechanical resistance over time: therefore we recommend you to pay great attention at dosing this additive and to never exceed the quantity shown in the TDS.

TECHNICAL DATA SHEET N° 0685-GB
UPDATED 05/2013

All information contained in this data sheet is the result of carefully controlled tests and is correct to the best of Lechler's knowledge at the time of issue. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user. FOR PROFESSIONAL USE ONLY.