

MOBIHEL®

... for the cars we love

HYDRO BASE MIX

HYDRO BASE is a VOC compliant water-based.

Base coat used in double-layer coating systems in combination with one of the MOBIHEL Clear Coats. It is used for the final painting of personal vehicles, buses, trucks and other vehicles as well as for other metal objects and is part of the MOBIHEL Mixing System. The desired colour can be obtained by using the MOBIHEL Colour Navigator Formulation Software or by searching in the Mobihel Colour Box Expert. The selected colour is subsequently mixed quickly and precisely using the software and computer-connected scale.

Key characteristics :

- Rapid flash-off and in-depth film drying.
- Immediate repair after matting possible.
- Excellent spraying properties.
- Uniform results and effect properties
- Easy fade-out.
- Solvent-like application.



PACKING DATA

Packing:
6 x 0.2 l
6 x 0.5 l

ASSOCIATED PRODUCTS**MOBIHEL HYDRO BASE THINNER**

Packing:
6 x 1.0 l

Index:
41959512

**MOBIHEL HYDRO ADDITIV QD**

Packing:
6 x 0,5 l

Index:
48077801

HYGIENE & PERSONAL PROTECTION**TECHNICAL CHARACTERISTICS**

Colour: MOBIHEL Colour box
Product type: Polyurethane water dispersion
Density: 0,97 – 1,15 g/ml



MOBIHEL Colour Navigator Formulation Software

2004/42/II B(d) (420) 410
EU limit value VOC for this type of products (category II B (d)) in the form, which is ready for application is 420 g/l VOC of this product, prepared for use is 410g/l.

SUBSTRATE

MOBIHEL 2K fillers

SUBSTRATE PREPARATION

All substrates must be thoroughly sanded and cleaned with MOBIHEL HYDRO DEGREASER and MOBIHEL HYDRO CLEANER prior to application.
Polyester products should be coated with 2K fillers to avoid peroxide transfer into the subsequent coats.

**Shaking:**

34 colour MIX-es
9 aluminium MIX-es
15 pearl – effective MIX-es
6 brilliant pearl
1 flop additive
1 additive for three-layer painting

All toners have to be manually shaken before the mixing process

PRODUCT PREPARATION/MIXING**Mixing ratio:**

MOBIHEL HYDRO BASE THINNER
10% on solid colors
20% on metallic and pearls

**Viscosity (RFU):**

20 – 22 s.
DIN 53211 Φ 4/ 20°C

**Colour test:**

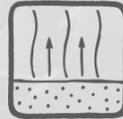
The colour should be applied on to a piece of test cardboard to assess its suitability prior to application on the object.

**Application with spray gun:**

1,3 mm or WSB
1,8 – 2 bar HVLP
Fade out: 1,0 – 1,2 bar reduced spray fan

**Number of layers:**

1 – 2 passes and 1 effect layer
DFT: 15 - 20 µm

**Flash-off:**

15 min./20°C between layers
20 min./20°C before application of clearcoat

Time may be reduced with the use of heating ventilation

NOTES:

MOBIHEL HYDRO ADDITIV QD activates MOBIHEL HYDRO Base MIX to greatly improve three-stage finish repairs. Together with MOBIHEL HYDRO BASE Thinner, add it to MOBIHEL HYDRO Base:

- 5% in any nuance MOBIHEL HYDRO Base
- 5% in 3 C nuance only in the first layer – it is need to be dry (15 – 20 min./60°C) and cooled. It gives a hard surface for subsequent coats of the final color.
- 10% in case of painting the internal parts of the motor in combination with Clearcoats matt for better appearance and chemical resistance

Additional information: For better colour matching, smooth application and good final appearance for colours with high metallic or pearl effect, we recommend addition of 10% of MOBIHEL HYDRO CLEAR BASE (419597) in the ready mixed formula.

Optimal application conditions:

Temperature of air: 20 - 25°C; relative humidity: 40 – 60%;
Air flow in spraying cabin from 25.000 – 28.000 m3/h.

Remark:

Colour shade and lightness of metallic effect depend on manner of spraying, working viscosity, set of paint flow on a gun, pressure setting, handling of spray gun etc. Therefore, we recommend at partial painting to set parameters beforehand in order to »catch« the colour shade

**FURTHER TREATMENT****Further treatment:**

All MOBIHEL Clearcoats

**SHELF LIFE****Shelf life:**

2 years in the originally closed packaging,
6 months in the packaging on the mixing unit
packaging on the mixing unit

SAFETY ADVICE

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

ONLY FOR PROFESSIONAL USE