

Technical information

MOBIHEL HYDRO Base MIX

Characteristics:

MOBIHEL HYDRO Base MIX are the components for the preparation of an effective or non-effective base colour, which is the first coat in two coat painting. Using mixing enamels based on effective pigments (aluminium, pearls) we get different visual effects for vehicles. The final coat of MOBIHEL 2K HS 2:1 Clearcoat low VOC offers final characteristics of a coating, mechanical, weather, chemical resistance and high gloss.

Usage:

The prepared MOBIHEL HYDRO Base is used in the combination with Mobihel 2K HS 2:1 Clearcoat low VOC for final top coating of personal and other vehicles. The desired shade is selected from MOBIHEL colour card. We find an appropriate formulation in the computerized MOBIHEL weighing programme. If a computer is connected to scales, the desired colour is quickly and exactly weighed. The mixing unit for the mixing of enamels offers the homogeneity of enamels, which is the precondition for exact colour. The mixing system MOBIHEL HYDRO Base MIX contains 63 mixing enamels.

Instructions for use:

SURFACE PREPARATION: The surface should be sanded, cleaned, degreased, dried and afterwards treated with one of:

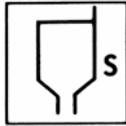
- MOBIHEL PE putty
- MOBIHEL 2K HS 4:1 Kompaktprimer low VOC *or*
- MOBIHEL PE fine putty (if necessary)



- 30 colour MIX-es
- 9 aluminium MIX-es
- 15 pearl-effective MIX-es
- 6 brilliant pearl-effective MIX-es
- 2 flop additive
- 1 3C additive



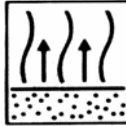
MOBIHEL HYDRO thinner (approx. 10%)



25 - 28 sec. DIN53211 Φ 4mm/20°C



Nozzle: 1,3
Pressure: 2 bar (HVLP)
Operation: 1-2 steps =15-20 μ m



20 minutes / 20°C
Time can be reduced by using a fan or IR heaters.



Mobihel 2K HS 2:1 Clearcoat low VOC



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

OPTIMAL APPLICATION CONDITIONS:

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

REMARK:

The shade and brilliance of metallic effect are the function of manner of spraying, working viscosity, setting of spray gun flow rate, pressure setting, guiding of a spray gun etc. At partial area coating we recommend adequate parameter settings in advance to achieve the desired colour shade. At the partial painting we recommend fade-out technique.

STORAGE:

2 years or up to the date as indicated on the packaging when stored in the originally sealed packaging in covered stores at the temperatures from +5 to +30°C

FLASH POINT:

26°C according to ASTM D 3278

SAFETY

irritating

INSTRUCTIONS:

R 36; S2, S16, S25, S46, S51