Oxypaint HB Micace

Description and destination of the product

Oxypaint HB Micace is an epoxy intermediate and/or finishing coat, that makes it possible to apply higher layer thickness so that with a minimum number of layers a maximum protection can be obtained.

Type of binder

Epoxy resin with a polyaminoamide hardener.

Type of pigment

Colour pigments and inert fillers.

Colour

Grey.

Gloss

Satin.

Technical data

- **Density**: 1.46 (± 0.05) g/cm³
- **Solids content:** 58 (± 2) % in volume
  75 (± 2) % in weight
- **Mixing ratio:** 91 parts *base*
  9 parts *Hardener EP*
  Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **VOC:** 381 gL
  < 500 g/L (20 % diluted)
  Cat. A/j : 500 g/L (norm 2010)
- Indicative drying times (R.H. 75%) for 60 micron layer thickness:

	Dustdry	Tackfree	Dry
10°C	1 hour	8 hours	24 hours
20°C	30 minutes	5 hours	14 hours
30°C	20 minutes	3 hours	10 hours

- **Theoretical yield:** 5.0 m²/kg or 7.2 m²/L for 80 micron layer thickness
  The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

When the waiting time between the different layers is too long or in extreme polluted environments, the surface that is painted can be polluted. All contaminations that hamper the good adhesion of the coat should be removed with appropriate means.

Surfaces that are polluted with grease or oil should be washed down with solvents, alkaline solutions or emulsifier.

Salts or other water dilutable contaminations should be removed with water and brush, water under high pressure or jet. Possible white rust on zinc rich primers should be removed with a hard nylon brush and water.

When the substrate is cleaned and dry, dust it.

Use

Mixing ratio in weight: 91 parts base and 9 parts hardener EP
It is always recommended to brush corners, sharp edges, bolts or nuts before applying a flat coat.

	% Dilution	Thinner	Pressure (bar)	Nozzle
Brush	0-5 %	*Thinner 60*	-	-
Roller	0-5 %	*Thinner 60*	-	-
Pneumatic gun	0-20 %	*Thinner 60*	3 to 5	1.2-1.5 mm
Airless gun	0-10 %	*Thinner 60*	150 to 250	0.015-0.021

Clean the tools with *Thinner 60*
Recommended layer thickness: 80 microns

Indicative recoatable times (R.H. 75 %) for 60 microns dry layer thickness

	Minimum	Maximum
10°C	after 24 hours	7 days
20°C	after 6 hours	3 days
30°C	after 5 hours	2 days

Application conditions

Oxypaint HB Micace can be applied at temperatures between 12°C and 35°C and air humidity between 30 and 85 %. The temperature of the surface must be at least 3°C higher than the temperature of dew point.

Storage stability

Minimum 2 years in the original, unopened packing, stored in a dry environment between –20°C and +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: **www.libertpaints.be**

Disclaimer
The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.
We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.
Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.