



# Technical data sheet

PROTECTION MADE EASY

---

## Oxypaint SL Floor Primer

---

### Description and destination of the product

---

**Oxypaint SL Floor Primer** is a two-pack, solventfree epoxy primer for porous concrete floors, which can be finished with epoxy- or polyurethane system, solventfree or not (**Oxypaint SL Floor, Polytop Satin, Mixtane Roller,...**)

**Oxypaint SL Floor Primer** is characterized by the following special properties:

- very good adhesion on mineral surfaces
- very good drying
- solventfree (which makes it very suitable for use in environments where solvents are not allowed)
- very good flow out in case of overlap, despite solventfree character

### Type of binder

---

Bisfenol A epoxy resin in combination with modified cycloaliphatic polyamine.

### Type of pigment

---

Inorganic (lead free) and organic pigments, magnesium silicates.

### Colour

---

White.

### Gloss

---

Glossy.

## Technical data

---

- **Density:** 1.49 ± 0.05 kg/L (20°C)
- **Solids content:** 100 % in weight  
100 % in volume
- **Mixing ratio:** 1/1 in volume  
61/39 in weight  
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** Max. 40 min (20°C)  
  
Remark: higher temperatures will lead to a shorter potlife, lower temperatures will lead to a longer potlife.
- **Drying times:** Dustdry : < 2 hours  
(20°C – 50% R.H.) Tackfree : < 10 hours  
Dry : 20 hours  
Recoatible : Min. 24 hours and max 36 hours  
(without sanding between layers)
- **VOC:** 0 g/L
- **Theoretical yield:** The yield depends on the roughness and structure of the surface and is ± 8 m<sup>2</sup>/L  
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

---

New concrete bound surfaces must be minimal 4 to 6 weeks old and must be fully cured. The surface must be dry (maximum 3 % moisture at the surface). Concrete slam and other impurities have to be removed by high pressure cleaning or track blasting. The surface must be free of dust. All contaminations by acid, salt, wax, silicone, oil .... must first be removed. Loose particles must be removed. It is possible to remove them mechanically. With less porous floors, the addition of 1.5% silane additive can provide improved adhesion.

## Use

---

Mixing ratio (base/**Hardener for Oxypaint SL Floor Primer**): 1/1 in volume  
61/39 in weight

Remark: after mixing base en hardener the product must be rolled within 40 minutes (20°C)

Mix base and hardener well before use. Preferably (for a short while) mechanically.

**Oxypaint SL Floor Primer** can be applied by roller (preferable the roller used for the application of the

polyurethane and epoxy coatings.

The material can be cleaned with **Thinner 60**;

## Application conditions

---

Temperature of the surface:

- min. 3°C above dew point and,
- min. 15°C and max 30°C (also during curing the first week !!!!)

Relative humidity: min. 40 % and max. 75 %

Application temperature: min. 15°C and max. 30°C

**Remark:** the ambient temperature and temperature of the floor during application and during the first days of drying, must be minimum 15°C en preferably between 20-25°C so that a good curing of the coating is obtained. Too low temperatures will lead to an incomplete drying through where the polymerisation of the paint film will be insufficient which will result in lesser properties (bad mechanical properties, residual tack, blooming, ...)

## Storage stability

---

Minimum 6 months in the original, unopened packing, stored in a dry environment at temperatures between +5°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](http://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.*