



Technical data sheet

PROTECTION MADE EASY

OXYPRIM

Description and destination of the product

Oxyprim is a two-pack anticorrosion epoxy primer with good adhesion on steel and sandblasted surfaces. It is the appropriate primer for the anticorrosion protection of constructions, storage tanks,... The product is repaintable with one- and two-pack polyurethanes and two-pack epoxies.

Colour

Grey

Gloss

Mat.

Technical data

- **Density:** 1.45 (\pm 0,05) g/cm³
- **Solids content:** 49 (\pm 2) % in volume
68 (\pm 2) % in gewicht
- **Mixing ratio:** In volume: 4/1
In weight: 88 parts base
12 parts hardener for **Oxyprim**
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** \pm 6 hours at 20°C
- **Drying times:** Dustfree : 20 minutes
Tackfree : 1 hours 30 minutes
Dry : 6 hours
- **VOC:** Cat. A/j: 500 g/L (2010)
< 460 g/L (not diluted)
< 500 g/L (max 7 % diluted)
- **Theoretical yield** \pm 8 m²/L for 60 micron layer thickness
 \pm 6 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 spray application.

Surface preparation

The surface to be painted must be free of grease, oil, water, dust or other impurities which hamper a good adhesion.

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

After this cleaning the steel surfaces can be blasted up to radiation degree SA 2 ½.

If **Oxyprim** is used on aluminum and galvanisation, sanding must always be done.

Oxyprim is recoatable with PUR wet-on-wet after 4 h.

Use

	% Dilution	Thinner	Pressure (bar)	Air Pressure	Nozzle diameter
Brush	0-5%	Thinner 60	-	-	-
Pneumatic gun	5-10%	Thinner 60	3 – 4	-	1.6 – 1.8
Airmix	0-5%	Thinner 60	80 – 120	2 – 2.5 bar	413 of 515

Dilute 5%: 50 sec Cup Ford 4

Dilute 10%: 28 sec Cup Ford 4

Application conditions

The relative humidity may be maximum 85% while the temperature of the surface must be minimum 10°C and 3°C higher than dew point.

Storage stability

For the base: minimum 2 years in the original, closed packing, stored in a dry environment at temperatures between -10°C and +40°C. For the hardener: minimum 18 months in the original, closed packing, stored in a dry environment at temperatures between -10°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.com

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.