



Technical sheet:

K-OXID®

Rust-resistant surface treatments.

Description of the product

K-OXID is a corrosion-protective, environmentally friendly surface treatment based on a water-dispersed high-polymer.

The product is a thick-film acrylic that is UV-resistant, lightfast, and complies with ISO 12944-5 C2 to C5 VH.

K-OXID can be used on iron, steel, special alloys, galvanized or metallized iron and steel, aluminum, copper, zinc, and lead as rust protection or waterproofing. When diluted 25% with water, it is used as an adhesion primer on light or non-porous surfaces, such as glass, tiles, concrete, ceramics, brick, etc.

Technical data

FINISH (Gardner 60°):	Satin – 15% +/- 5
COLOURS:	RAL, NCS and Standard colours. Available on dispensing system.
DENSITY:	1.26 +/- 0.05 g/cm ³ beigegrey
SOLIDS CONTENT:	In weight: 64-66 % - In volume: 55-58 %
VISCOSITY:	180 - 250 P (Brookfield 20RPM)
VOC CONTENT:	< 5 g/l
FLASH POINT:	Not flammable
STORAGE:	Minimum 24 months protected from frost and excessive temperatures in its original closed packaging.



Application instructions

APPLICATION CONDITIONS:

Ambient temperature: minimum 5°C (41°F) – optimal between 12 and 25°C (54 and 77°F).

Relative humidity: maximum 80%

Surface temperature must be minimum 3°C (5°F) above dew point.

APPLICATION MEANS:

Brush, roller or airless (nozzle size: 015–023)

Application by airless is recommended and makes it easier to reach the recommended thicknesses. Use a device that allows a minimum pressure of 180 bar / 2600 psi at the pump or 130 bar / 1900 psi at the gun.

DRYING TIME (20°C - 68°F / RD 60%): 175 microns:

Touch dry: +/- 3 hours

Recoatible: +/- 6 hours

350 microns:

Touch dry: +/- 6 hours

Recoatible: +/- 9 hours

Recoatible time K-OXID 100µ dryfilm				
Temp / RF%	80%	70%	60%	50%
8°C	+/- 8,1 hours	+/- 6,2 hours	+/- 5,0 hours	+/- 4,0 hours
10°C	+/- 7,0 hours	+/- 5,2 hours	+/- 3,8 hours	+/- 3,1 hours
16°C	+/- 3,8 hours	+/- 2,5 hours	+/- 1,8 hours	+/- 1,5 hours
20°C	+/- 2,3 hours	+/- 1,6 hours	+/- 1,2 hours	+/- 0,9 hours

The drying times are calculated theoretically

Recoatible time K-OXID 150µ dryfilm				
Temp / RF%	80%	70%	60%	50%
8°C	+/- 18,3 hours	+/- 14,1 hours	+/- 11,2 hours	+/- 8,9 hours
10°C	+/- 15,8 hours	+/- 11,6 hours	+/- 8,5 hours	+/- 6,9 hours
16°C	+/- 8,5 hours	+/- 5,6 hours	+/- 3,9 hours	+/- 3,3 hours
20°C	+/- 5,4 hours	+/- 3,5 hours	+/- 2,6 hours	+/- 2,1 hours

The drying times are calculated theoretically

CLEANING OF TOOLS:

Water.

SPECIFICITIES:

Mix well before use.



Notes

Indicated consumption is theoretical and does not consider potential losses during application. It can also be influenced by the porosity of the substrate.

The technical data we provide, like our directions and recommendations, are all based on diverse trials and on our experience. They intend to help the consumer find the most appropriate working method and achieve the best possible result. Since the consumer's working conditions are beyond our control, we cannot assume any responsibility for the results that it achieves in the use of the product. All technical information may be changed without notice but will always be in accordance with the last revised data sheet, which can be obtained on the phone number below. We reserve the right for typing errors. This technical data sheet replaces all previous editions.