

# kLine Rust Stop Primer

is a well-penetrating, quick-drying, transparent anti-corrosion agent based on a special oil-polymer combination. It converts open-pored rust into a solid, load-bearing iron(III) compound.

## Characteristics

- very good penetration
- very good water displacement
- converts rust
- Coatable with waxes
- Can be painted over with many paints
- fast drying
- Good adhesion to many substrates
- high elasticity
- Low in aromatics
- not chemically removable



## Application

The **kLine Rust Stop Primer** was developed for use on both rust and intact surfaces. After drying, it produces an abrasion-resistant, load-bearing and tough-elastic protective film.

**kLine Rust- Stop -Primer** can be used as a permanent thin-layer preservation and as a primer in two-layer preservation. The penetration process is completed after approx. 45 minutes, after 2-3 hours the product is sufficiently dry for overcoating.

## areas of application

**kLine Rust- Stop -Primer** was developed for use as a rust stabilizer in the automotive sector and for industrial applications. It can be applied directly to rust, as well as to intact or painted surfaces.

**kLine Rust- Stop -Primer** is suitable as the 1st layer in the 2-layer preservation both in the cavity and on subfloors.

Due to its good recoatability (the paint system must be tested), the product is also an excellent preservative for temporary storage.

## processing

**kLine Rust Stop Primer** can be applied with a brush, roller or spray application.

Sufficiently coat/spray rust/plate overlaps/joints so that they are properly penetrated. Consumption max. 140ml/m<sup>2</sup>. Higher layers lead to longer intermediate drying times.

### A NOTICE:

Thick layers of rust (e.g. leaf rust, loose rust) must first be removed mechanically. Underneath rusted layers of paint must be removed mechanically to allow the **kLine Rust Stop Primer to penetrate!**

Processing equipment must be cleaned in good time with universal thinner (based on solvent naphtha, xylene, esters).

## 2-layer preservation

Rust is a porous and open-pored corrosion product of iron or steel. In a damp environment or after washing, rust dries out very slowly. It is therefore important to treat the rust before applying a protective layer (e.g. underseal, paint, ...).

### Preparation: Prepare the surface

Surfaces to be preserved must be cleaned beforehand. Salt, grease, dirt, loose rust, loose paint, etc. must be removed.

### Step 1: Stop the rusting process

**kLine Rust Stop Primer** penetrates deep into existing rust, displaces moisture and converts the iron (III) oxide into stable iron(III) compounds. These are built into the system as fillers and provide an additional barrier layer.

Drying time: at least 2 hours

### Step 2: Protect the rust layer

The treated rust layer, transformed into a solid substance, is protected from further influences. For this purpose, a UBS wax, surface protection wax, stone chip protection, varnish or similar is applied.

Compatibility with **kLine** and **DINITROL** products has been tested.

ATTENTION: Product combinations must be tested before processing on the object!

Some sprays tend to crack at higher layer thicknesses.

## Technical data

Basis:	oil-polymer combination
Colour:	transparent or black
Film type :	varnish-like
Density (20°C):	1.021g/cm <sup>3</sup>
Viscosity at 23°C, DIN 4:	160-160 sec
Temperature resistance:	-40°C to +80°C
Dry matter content:	35.20% by weight
Aromatic content in the solvent:	<20%
Recommended wet film thickness:	120-140 µm
Recommended dry film thickness:	50-60 µm
Drying time:	2-3 hours, fully after 7 days
Removability wet:	with solvent
Removability dry:	mechanical
Salt spray test:	200 hours

Safety information can be found on the safety data sheet or on the label on the packaging.

The information in the data sheet is based on many years of experience as an aid, but without a precise analysis and on-site inspection by the DKS application engineer, it must not be interpreted as a recommendation or specification.

The user is obliged to check the product himself for suitability for the intended purpose.