

# FEIDOLUX PRIMER KG92

## 1C alkyd primer

FEIDOLUX PRIMER KG92 is a fast-drying zinc phosphate primer that provides excellent adhesion and corrosion resistance. KG92 has a high solid content and can be applied as a single layer.

When dry, it provides a matt finish and can be overcoated with topcoats from the FEIDOLUX or FEIDOPUR series for added durability. It is intended for general steel construction, machine construction and especially in the commercial vehicle construction.



## TECHNICAL DATA

Fields of application	Machinery, Steel constructions, Transportation equipment											
Recommended substrate	Steel											
Binder	Alkyd											
Solids	53 ±2% by volume											
Volatile organic compound (VOC)	Approx. 414 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.											
Theoretical spreading rate	<table><tr><th>Dry film (µm)</th><th>Wet film (µm)</th><th>Theoretical spreading rate (m²/l)</th></tr><tr><td>50</td><td>95</td><td>10.6</td></tr><tr><td>60</td><td>115</td><td>8.8</td></tr></table>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m²/l)	50	95	10.6	60	115	8.8		
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50	95	10.6										
60	115	8.8										
Practical spreading rate	The values depend on the application technique, surface conditions, overspray, etc.											
Colours	RAL 7037, RAL 7016, brown Other colours by agreement.											
Gloss (60°)	Matt											
Thinner	FEIDOSOLV VK64											
Density	approx. 1.5 g/ml (depending on the colour shade)											
Storage	Storage stability is 1 year in unopened package. Most suitable storage temperature is +5°C - +25°C. Store in a cool place. Protect from heat and freeze!											

## DIRECTION FOR USE

### Surface preparation

Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. Remove also water-soluble salts by using appropriate methods.

**STEEL SURFACES:** Remove mill scale and rust by blast cleaning to preparation grade Sa 2½ (standard ISO 8501-1). Residues that may weaken adhesion, such as oil, grease, dust must always be carefully removed before application.

The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment. Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

### Application method

Airless spraying, Conventional spraying, Brush, Roller

### Application

Stir thoroughly before use.

When brushing or rolling the material is applied undiluted.

	<b>Airless spray</b>	<b>Conventional spray</b>
Thinner	0 – 5% FEIDOSOLV VK64	0 – 5% FEIDOSOLV VK64
Application viscosity	as delivered	25 – 35 s DIN 4
Nozzle	0.013 – 0.015"	1.5 – 2.0 mm
Paint pressure	min. 120 bar	–
Air pressure	–	3.0 – 5.0 bar

### Application conditions

The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and below +35°C and the relative air humidity below 85%. Additionally, the temperature of the surface to be treated and the product must be at least +3°C above the dew point of the ambient air. During application good ventilation is recommended.

### Drying time

- dust free

- touch dry

+20°C / 65% RH (dry film 50-60 µm)

approx. 30 min

approx. 1-2 h

### Overcoatable

Surface temperature	By alkyd paints of the FEIDOLUX series, eg. KD19		By 2C-PU paints of the FEIDOPUR series, eg. ZG20-HS, ZG23-G3, ZG23-G1, ZG17, ZG54-A0	
	Min.	Max.	Min.	Max.
+20°C	1 h	–	4 days	–

Given indications relates to the recommended coating thickness, drying in good ventilation conditions. Overcoating times may be different with a change of temperature, ventilation, number of layers and the thickness of the coating.

### Cleaning

FEIDOSOLV VK64

## HEALTH AND SAFETY

### Safety and precaution measures

See safety data sheet.

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