

## Kaifinish Primer Application guide

### Primer for special bases

- Primer based on polyvinyl butyral (PVB)
- Good adhesive properties on steel, cast, zinc-plated, copper, aluminium and NF-metal bases
- Easy processing by brushing/rolling/spraying
- Can be welded over purs. to directive DSV 0501 and DAST 006
- Corresponds to the specifications of DIN 4140 / AGi Q 151

### Type of product

1-component PVB coating material with environmentally protective pigments for use on special bases.

### Application area

Kaifinish Primer serves as an adhesive agent between the base and the Kaifinish Base in steel construction, machinery, device, container, venting and ventilation systems, cold and hot water lines, air conditioning lines, etc.

### Special properties

- Free from substances of particularly high concern (REACH)
- Can be welded over
- Use for coating structures purs. to DIN EN ISO 12944

### Processing notes

#### 1. Bases

For bases that cannot be primed directly with Kaifinish Base.

#### 2. Preparation of the base

It must be at least clean, dry, free of oil and grease and load-bearing.

#### 3. Consumption

The theoretical consumption is approx. 104 g/m<sup>2</sup> at 15 µm dry layer thickness. The practical consumption depends on the surface structure, surface quality, component geometry, application medium used, layer thickness exceeding, etc.

#### 4. Application of Kaifinish Primer

Stir Kaifinish Primer thoroughly before use. Kaifinish Primer is suitable for brushing, rolling, spraying (airless or high-pressure). Ideal processing temperatures between +5 and +30 °C, but at least +3°C above the dew point limit.

When brushing/rolling/spraying, the required layer thickness can be achieved with one application. After this, approximately 60 min of total drying time must be observed. Too thick layers delay drying and the run-off behaviour. Complete drying depends on the wet layer thickness and the ambience temperatures.

### Processing parameters:

Application	Pressure (bar)	Nozzle (mm)	Diluent addition
Brushing/rolling			undiluted
High pressure	2-5	1,5-2,0	undiluted
Airless	100-160	0,23-0,33	undiluted

### 5. Dilution

Addition of diluent is not required for Kaifinish Primer.

### 6. Compatibility and painting over

To achieve the specifications purs. to AGi Q 151 / DIN 4140, the Kaifinish Primer must be reworked with Kaifinish Base. The Kaifinish Base must be applied to Kaifinish Primer no earlier than after a drying time of 60 minutes (+20 °C, 65 % rel. humidity).

The target layer thickness of the Kaifinish Primer is 15 µm. Purs. to AGi Q 151 / DIN 4140; the total layer thickness in the system with Kaifinish Base and Kaifinish Cover is at least 160 µm dry. Note the special Kaifinish specifications per area of use.

### 7. Cleaning of the work equipment

Devices and tools should be cleaned without delay with universal diluent after completion of the work.

### 8. Storage stability

Approx. 24 months, dry and cool in closed original packages.

### Special notes

When working in basements and shafts, ensure sufficient ventilation. High humidity and low temperatures delay drying and curing. The product is free of silicone.

### Disclaimer

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