

**ISOBETT**

<b>DESCRIPTION</b>	One-component physical drying special adhesion primer (tie-coat).
<b>RECOMMENDED USES AND PRODUCTS FEATURES</b>	Maintenance and repainting of iron, steel, steel sheets, zinc, aluminium and stainless steel outdoor and indoor. Very surface tolerant. Good water resistance.
<b>TECHNICAL DATA</b>	
<b>Binder type</b>	Modified vinyl copolymer
<b>Dry content by volume</b>	56 ± 2 % by volume
<b>Density</b>	1,2 ±0,2 kg/l
<b>Typical film thickness</b>	20 – 60 microns dry film 35 – 110 microns wet film
<b>Theoretical coverage</b>	14 m <sup>2</sup> /l at 40 microns dry film
<b>Recoating intervals</b>	at 40 µm dry film: after 4 h at +23°C
<b>Colour</b>	White, semi coverage
<b>Gloss</b>	Semi-gloss
<b>Application</b>	Paint brush recommended. Possible to use roller or high-pressure spray
<b>Thinner and clean-up</b>	xylene, acetone
<b>Storage and shelf life</b>	Dry and cool storage, above +5°C temperature 24 months shelf life
<b>Transport</b>	0–40°C temperature
<b>Packages</b>	1 litre, 10 litres
<b>Flash point</b>	above +30° C
<b>VOC</b>	480 g/l paint Belongs to category "binding products" (KIFS 2008:2)

## APPLICATION DATA

### Pretreatment

Remove oil, grease, soluble salts, loose rust and loose paintings by appropriate means, Rinse thoroughly with clean water.  
Larger areas high pressure cleaning or waterblasting.

#### Rusty surfaces with old painting:

*Waterblasting* with hot water at nozzle pressure 800 bar.  
Priming with Isotrol Klarlack Grund/Isotrol Takgrund.

or

*Remove manually* all loose rust and paint to cleanliness St2 according to ISO8501-1 followed by high pressure cleaning and priming with Isotrol Klarlack Grund/Isotrol Takgrund

#### Painted surfaces without rust and a painting in good conditions:

High pressure cleaning or alkaline degreasing is mostly sufficiently.

#### Zinc and aluminium

Sweep blast to achieve best adhesion and corrosion resistance

### Conditions at application

Surface to be painted should be clean and dry.

Paint should be above +15° C at application.

Temperature of the surface should be at least 3°C over the dew point.

The humidity of the air should not exceed 80 % RH.

### Application of paint

**Stir the paint** thoroughly with a mechanical mixer. Make sure no sedimentation is remaining.

To get best results, before applying paint over the whole surface, use a paint brush to apply a strip-coat around bolts, nuts, joints, along edges and all other areas which are difficult to paint.

### High pressure spray (airless)

Thinning 15 - 25 %

Suggested nozzle: 0,013 - 0,018".

Pressure at nozzle 120-160 bar

### Drying 23°C50% RH

Touch dry: 4 h

### Primer

On rust: Isotrol Klarlack Grund, or Isotrol Takgrund

### Topcoat / Intermediate coating

Isoguard Pansar is recommended as protective barrier

### Safety

See material and safety datasheet for the product.