



Icosit® Aktiv Primer

Zinc Phosphate Primer

Technical Data Sheet

DESCRIPTION

Icosit Aktiv Primer is a one component, high solid, fast drying, zinc phosphate primer based on mild solvent.

USES

- * Most industrial plant.
- * Water and sewage industry.
- * Chemical industry.
- * Bridges.
- * Maintenance primer.
- * Petrochemical plants.

ADVANTAGES

- * Fast drying with high film thicknesses.
- * Suitable for hand de-rusted surfaces.
- * Suitable for overcoating with one or two component top coats.
- * Compatible with most existing coatings.
- * Excellent wetting properties onto poorly prepared substrates.
- * Pigmented with zinc phosphate, anti corrosive pigments to comply with BS 5493:1977.

Technical Data

Colour:	Oxide red, sand yellow	
Finish:	Matt	
Density (SG):	1.5 kg/litre	
Volume solids:	54%	
Typical film thickness per coat:	60 - 100 microns dry 110 - 185 microns wet	
Application temperatures & humidity conditions:	+5°C minimum (substrate and ambient) +3°C (5°F) above the dew point	
Coverage:	9 m ² /litre @ 60 microns dft	
Service temperature:	Max dry heat +80°C Max damp heat +50°C	
Method of Application:	Airless spray, brush or roller	
Drying times:	10°C	20°C
Touch dry (mins):	60	30
Hard dry (hours):	6	4
Overcoating:		
Min (hours)	-	24
Max (weeks)	-	Indefinite
Overcoating (2 pack):		
Min (hours)	-	72
No of coats:	1 - 2	
In accordance with ISO 12 944 Pt 5		
VOC:	356 g/litre	
Flashpoint:	35°C	

All above values are approximate.

SURFACE PREPARATION

The surface to be coated should be dry and free from contaminants. Prior to painting all surfaces should be assessed in accordance with ISO 8504:1992.

Oil and grease to be removed according to SSPC-SP1 solvent cleaning.

Hand tool preparation:

Prepare to a minimum standard of St 2 (ISO 12944 Pt 4) or SSPC-SP2. All scale must be removed.

Abrasive blast cleaning:

Prepare to SA1 (ISO 12944 Pt 4) or SSPC-SP7.

MIXING

Stir thoroughly before use. DO NOT THIN.

APPLICATION

Airless spray: Typically 100 - 185 microns per coat wft on vertical surfaces

Tip range 0.45 - 0.58 mm (18 - 23 thou)
Output fluid pressure at tip
Min (170 kg/cm²) (2000 psi)

Brush: Typically 75 - 150 microns per coat wft on vertical surfaces

Roller: Typically 75 - 150 microns per coat wft on vertical surfaces

THINNING

Use **Sika® Thinner B** up to 5% by wt in cold weather.

IMPORTANT CONSIDERATIONS

- * Apply only to dry surfaces.
- * Do not apply during mist or fog conditions or when snow or rain is imminent.
- * Avoid condensation on the coating during the initial drying period.
- * Apply in ventilated areas

CLEANING OF EQUIPMENT

Use **Sika Thinner B**. Hardened material may have to be mechanically removed.

PACKAGING

Refer to latest price list

CONSUMPTION

Approximately 9 m²/litre @ 60 microns dft. These figures do not allow for surface porosity, profile or wastage).

STORAGE AND SHELF LIFE

Minimum 24 months in sealed containers stored in dry warehouse conditions (+5°C - +25°C).

