

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 60 - 100 microns dry thickness per coat: 110 - 185 microns wet

Application +5°C minimum

temperatures & (substrate and ambient)

humidity conditions: +3°C (5°F) above the dew point

Coverage: 9 m²/litre @ 60 microns dft

Service temperature: Max dry heat +80°C

Max damp heat +50°C

Method of Airless spray, brush or roller

Application:

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).

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note
The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

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