



Icosit[®] Poxicolor Primer HE

Surface Tolerant Primer

Technical Data Sheet

DESCRIPTION

Icosit Poxicolor Primer HE is a low VOC, two component, surface tolerant, aluminium epoxy primer.

USES

- * As a plant maintenance coating where abrasive blast cleaning is not possible.
- * Bridges.
- * Chemical engineering plant.
- * Coastal structures.
- * Paper mills.

ADVANTAGES

- * Low VOC.
- * Low solvent content.
- * High volume solids.
- * Excellent wetting and barrier properties onto hand de-rusted steel.
- * Ideal for use in conjunction with wet abrasive blasting.
- * Highly economical barrier coating.

Technical Data

Colour:	Aluminium grey	
Finish:	Matt	
Density (SG):	1.2 kg/litre	
Volume solids:	71%	
Typical film thickness per coat:	75 - 125 microns dry	105 - 176 microns wet
Application temperatures & humidity conditions:	+5°C minimum (substrate and ambient) +3°C (5°F) above the dew point	
Coverage:	9.5 m ² /litre @ 75 microns dft	
Method of Application:	Airless spray, brush or roller	
Overcoating times:	Allow an overnight cure between primer and finish coats.	
Mix ratio: (A:B)	89:11 by wt	
No of coats:	1 - 2	
	In accordance with ISO 12 944 Pt 5	
Pot life: (hours)	20°C 8	30°C 5
VOC:	230 g/litre	
Flashpoint:	Pt A 39°C Pt B 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 SA2½ (ISO 12944 Pt 4) or SSPC-SP6.

MIXING

Always mix complete units as supplied. Power agitate component A, add component B and completely mix both components.

APPLICATION

Airless spray: Typically 105 - 175 microns per coat wft on vertical surfaces

Tip range 0.48 - 0.58 mm (19 - 23 thou)
Output fluid pressure at tip
Min (210 kg/cm²) (3000 psi)

Brush: Typically 75 - 100 microns per coat wft on vertical surfaces

Roller: Typically 75 - 100 microns per coat wft on vertical surfaces

THINNING

Not usually required. If necessary in cold weather or when spraying with pressure pot use **Sika® Thinner EG** up to 5% by wt.

IMPORTANT CONSIDERATIONS

- * 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 EG**. Hardened material may have to be mechanically removed.

PACKAGING

Refer to latest price list

CONSUMPTION

Approximately 9.5 m²/litre @ 75 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).

Handling Precautions

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 liability arising out of 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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