

EPDM Primer

One-component primer for consistent and durable adhesion between Sika Liquid Plastics roof waterproofing systems and EPDM

Product Description

Sika Liquid Plastics' EPDM Primer is a single component, solvent based, synthetic rubber primer designed to deliver enhanced adhesion to EPDM rubber substrates.

Uses

For the priming of EPDM substrates prior to the application of Decothane roof waterproofing systems.

Characteristics / Advantages

- Excellent adhesion to new and aged EPDM rubber
- Fast drying and curing
- Quick and easy application

Product Data

Form

Appearance

Transparent, green / brown coloured, low viscosity liquid

Packaging

3.78 litre pack

Storage

Storage Conditions / Shelf Life

Store in original, unopened and undamaged sealed packaging in dry conditions away from direct sunlight at temperatures $>0^{\circ}\text{C}$ and $< 25^{\circ}\text{C}$. Protect from frost.

A shelf-life of 12 months is expected, from the date of production, when stored in accordance with the above recommendations at a temperature of 20°C . Exposure to higher temperatures will reduce the shelf-life.

Reference should also be made to the storage recommendations of the material safety datasheet.

Technical Data

Chemical Base

Synthetic rubber in a hydrocarbon solvent

Density

0.9 kg/l

Flash Point

4 $^{\circ}\text{C}$



System Information

Substrate Quality EPDM membranes must be thoroughly clean, free of grease and dry.

Substrate Preparation Clean surface thoroughly and ensure substrate is well bonded. Ensure surface is free from grease and free from excessive mica. Clean appropriate to contamination at site. Usually a detergent water scrub and a thorough rinse will suffice. Where heavy or specific contamination is present please consult Sika Liquid Plastics' Technical Services for advice.

Adhesion Testing Prior to the commencement of works, adhesion / substrate compatibility trials should be carried out onto the EPDM membrane to confirm substrate suitability and adhesion of the proposed system.

Substrate and Ambient Temperature +5 °C min. / +40 °C max.

Dew Point Beware of condensation! Surface temperature during application must be at least +3 °C above dew point.

Do not use if conditions are close to dew point as condensation forming on the primer can affect adhesion. If this occurs, allow the surface to dry and apply fresh primer.

Coverage Rates Maximum spread rate of 7 square metres per litre (equivalent to a minimum quantity of 0.143 litre per square metre).

Application Instructions

Application Method Stir thoroughly with an EPI or equivalent mixer in an electric drill until all settled pigments are dispersed and the material is consistent in colour. A minimum of 5 minutes stirring is recommended. Frequent stirring (every 15-20 minutes) is recommended. Do not thin. Thinning will affect performance.

Apply one coat of Sika Liquid Plastics' EPDM Primer to securely fixed, prepared, dry surfaces by brush or short pile roller, at a maximum spread rate of 7 square metres per litre (equivalent to a minimum quantity of 0.143 litre per square metre) and leave to dry.

As advised above do not use if the ambient temperature is close to dew point as condensation will form on the wet primer affecting adhesion. If this occurs, allow the surface to dry and apply fresh primer.

Application Tools Brush or short pile roller

Waiting Time / Overcoating Leave to dry for a minimum of 30 minutes prior to overcoating.

Allow the primer to dry prior to overcoating. Low temperatures will increase overcoating times.

Overcoating is recommended within 24 hours in warm conditions and 48 hours in cool conditions.

Notes on Application

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Limitations

Do not apply in wet weather or to wet surfaces.

Overcoat within 48 hours, repriming will be necessary if the surface is subjected to severe weather or contamination before overcoating

Opening tins will cause the product to gel. Gelled material should not be used as performance will be affected.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

General Information

Disclaimer

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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Product Data Sheet
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Specification Assistance NBS is the industry standard specification system, which allows architects, specifiers and engineers to insert clauses into specifications by manufacturer and product, making the process quicker and more efficient. We are members of NBS Plus and therefore detailed up-to-date product information is readily available to create accurate specifications.

Contact Details

For further information please contact:

Sika Liquid Plastics
Sika House
Miller Street
Preston
PR1 1EA

Enquiry Line: 01772 259781

Fax: +44 (0)1772 255670

e-mail: liquidplastics@uk.sika.com

Roofing



Registered office: Sika Ltd, Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ
Registered in England: 226822

