

PRODUCT DATA SHEET

Sika® Evercryn® Emergency Roof Repair

Instant waterproofing repair for all roofs, even in the wet

PRODUCT DESCRIPTION

Sika® Evercryn® Emergency Roof Repair is a resin based, fibre re-enforced roof repair compound which is effective on all common roofing surfaces and types, giving an instant roof repair even in the wet and on wet surfaces. May also be applied in frosty conditions down to -5 °C.

The product is instantly waterproof when applied, so there is no fear of wash off, so emergency leaks can be tackled immediately as there is no need to wait for the rain to stop.

Sika® Evercryn® Emergency Roof Repair is cartridge applied and dries to a flexible membrane, which resists algae and fungal growth.

The high level of fibre re-enforcement will bridge small cracks and holes up to 5 mm and requires only one application to give instant and total water protection, even in areas subject to ponding. Sika® Evercryn® Emergency Roof Repair requires no primer on sound non-porous surfaces.

USES

- General sealing, maintenance, repair and waterproofing of most common roofs in wet or dry conditions – for use on concrete, fibre/cement, roofing felt, mastic asphalt, existing bituminous roof coatings, rigid uPVC, corrugated iron, metals, slates, brickwork, tiles, lead, copper and zinc.
- Waterproofing guttering (plastic and metal), down-pipes, gully's, flashings, upstands, vents and lead-work.

CHARACTERISTICS / ADVANTAGES

- May be applied in damp and wet conditions. Formulated from lightfast acrylic polymers to withstand sunlight for longer periods than traditional bitumen.
- Fibre re-enforced to bridge small cracks.
- Primerless adhesion to most bituminous and non-porous surfaces.
- Elongation - 350 % at break.
- Curing method is via solvent loss and physical drying.

PRODUCT INFORMATION

Chemical Base	Modified acrylic re-enforced with Dralon fibres in solvent blend.
Packaging	310 ml cartridge.
Colour	Grey & Translucent.
Shelf Life	24 months from date of manufacture in tightly sealed undamaged containers. When stored between +5 and +25 °C.
Storage Conditions	Store in cool dry conditions away from all sources of ignition. Do not exceed 60 °C. Will withstand frost.
Density	~0.94 g/cm ³ .
Viscosity	Gunable paste.
Service Temperature	-25 to +100 °C.
Yield	1-1.5 linear meters per cartridge depending on substrate.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Do not use in areas where subsequent solvent or oil contact is likely.
- Avoid inhalation of vapours.
- Do not use on Styrofoam or PVC foil.
- As the manufacturer cannot know all the uses its products may be put to, it is the users responsibility to determine suitability for use. If in doubt, contact technical services department for advice.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

No roof-coating product can be expected to repair an existing roof that is not structurally sound and stable. Before using a surface coating the roof structure should be inspected and if necessary, put in order. All cracked, broken, slipped or missing slates, tiles, sheets or other forms of covering should be replaced or re-fixed and cracks in felt or asphalt filled. (Safety Recommendation: do not coat roof lights, windows, glass or translucent sheets. These will constitute a hidden hazard if disguised.)

Preparation of the surface is of great importance and will influence the degree of adhesion and life of the renovation. All roof surfaces to be coated should be sound, stable and clean, i.e. free from loose debris, dirt, dust and grease.

All traces of algae and fungi growth should be removed using a stiff-bristled brush. Where algae and fungi have been present, remove them completely and treat the surface with Sika® Mouldbuster to kill any remaining spores, thereby discouraging the return of the growth.

Fix any holes or loose felt/slates/tiles etc. Fill holes/imperfections with Black Jack® 903 Bitumen Trowel Mastic. Stick down loose felt etc with Black Jack® 904 Roof Felt Adhesive. Blisters in roofing felt must be cut, dried, re-bonded and sealed.

New metal surfaces must be degreased with a suitable solvent. Remove all rust or treat rusty surfaces with a rust inhibitive primer (eg zinc phosphate based).

All non-bituminous, porous or friable surfaces must be primed with Black Jack® 902 Bitumen and Flashing primer allowing the primer to dry thoroughly before use.

APPLICATION

Wear gloves and suitable face/eye protection. Flammable product - eliminate all sources of ignition. Cut the tip of the cartridge, taking care not to damage the thread apply special nozzle. In extreme cases a second application may be made 2-3 days after initial application.

CLEANING OF TOOLS

Clean equipment with white spirit.

LEGAL NOTES

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.

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