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# Enviroflex™ EP1 Primer

## Liquid Applied Roof Waterproofing Systems

### Introduction

Enviroflex™ Liquid Waterproofing System is a low odour, solvent-free, single component, fleece reinforced liquid roofing and waterproofing system, ideal for both commercial and domestic applications.

### Description

Enviroflex™ EP1 Primer is a water based, low viscosity white primer intended for adhesion promotion and stain blocking on various substrates. The product is a single component liquid and is supplied in plastic containers of 4 litre and 20 litre. The white primer cures to a translucent finish.

### Intended Use

Enviroflex™ EP1 Primer is designed to improve adhesion to the following substrates:

- Aged PVC Single Ply Membrane
- Treated and Untreated Wood
- Masonry
- Metal

### Surface Preparation

Ensure the substrate is sound, clean, dry and free of frost, dust and debris, and any material which would hinder adhesion.

### Application Conditions

Apply only when atmospheric and substrate temperatures are greater than 5 °C. The surface of the substrate should be clean and dry and must be 3 °C above the dew point. If the surface is below or at dew point temperature then moisture can form at the surface and affect coating adhesion and curing.

### Application Method

Personal Protective Equipment (PPE) should be worn.

Stir opened primer to ensure uniform material consistency. Once ready, apply the white primer onto the prepared substrate in a flowing motion and spread thinly using a brush or roller.

Specified coverage rates and even coverage can be achieved by rolling the primer using a nylon roller avoiding unnecessary accumulation of product.

The specified Enviroflex™ System can be applied above the primed surface when the white EP1 primer coating cures to a form dry, transparent film finish. Depending upon atmospheric conditions, curing time can be 20 minutes (at 20 °C / 50 % RH).

### Properties

Pack Size	4 L and 20 L
Form	Liquid
Colour	White
Application Rate	Approx 0.1 L/m <sup>2</sup>
Coverage per Pack	Approx 40 m <sup>2</sup>
Workability period	60 minutes <sup>1</sup>
Rainproof after	Approx 20 minutes <sup>1</sup>
Can be walked on after	Approx 30 minutes <sup>1</sup>
Overcoating period	After approx 30 minutes
Shelf Life	12 months

1. Dependant on environmental conditions. Values attained at 23 °C and 50% rel humidity. Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures.

### Cleaning

Clean tools immediately after use with water. Wash hands after use.

### Typical Specification

Primer to be Enviroflex™ EP1 Primer, as supplied by Icopal Limited, Barton Dock Road, Stretford, Manchester, M32 0YL. Tel: 0161 865 4444. Fax: 0161 865 8433.

Primer to be applied at an approximate rate of 0.1 L/m<sup>2</sup> depending on the porosity of the substrate.

### NBS Specification

Enviroflex™ EP1 Primer can be specified using the following clause;

**Clause:** J31/305

**Product:** Enviroflex™ EP1 Primer.

**Manufacturer:** Icopal Limited, Barton Dock Road, Stretford, Manchester, M32 0YL. Tel: 0161 865 4444.



### Quality Assurance

Enviroflex™ Liquid Waterproof System is supplied under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.



QMS: Q5556

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### Delivery

The product is delivered to site in containers packed on pallets, wrapped in polythene. Each container is marked with the manufacturer's name, product description and the appropriate hazard and risk labels.

### Storage

Containers should be stored in a dry and cool environment on a flat, level, and clean surface away from sources of ignition, including pilot lights and sparks. Protect the product against moisture, direct sunlight and extremes of temperature.

Keep containers tightly closed when not in use. Opened tins should be re-sealed and can remain usable for several months.

In original unopened containers the shelf life is 12 months.

### Disposal

Liquid	EWC	08 04 09
Cured	EWC	08 04 10

### Health and Safety

The material safety datasheets, hazard warnings and safety recommendations on the units must be observed during transport, storage, and application. Do not allow into the sewer system or ground.

### Technical Services

Specialist advice and design guidance on all matters relating to Enviroflex™ systems is freely available from our Technical Department at the address below.

### Availability

Description	Size
Enviroflex™ EP1 Primer	4 Litre
Enviroflex™ EP1 Primer	20 Litre

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.