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Enviroflex™ Reinforcing Fabric

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™ Reinforcing Fabric is a polyester based reinforcing fleece. The fleece is embedded into the Enviroflex™ liquid applied waterproofing coating in a 'wet-on-wet' application.

The Enviroflex™ Reinforcing Fabric is white in colour and is available in a number of widths to suit application.

Intended Use

The Enviroflex™ Reinforcing Fabric is intended to be used as the reinforcing layer within the Enviroflex™ liquid waterproofing system.

The Enviroflex™ system is suitable for use as an exposed membrane in both new and refurbishment projects, particularly where traditional methods of waterproofing may prove difficult.

It is intended for use where limited foot traffic is anticipated, but may also be used in conjunction with the Enviroflex™ Walkway System where clear designation of anti-skid passageways is required.

Surface Preparation

Ensure the substrate is sound, clean, dry and free of frost, dust and debris, and any material which would hinder adhesion. Residual moisture in concrete substrates must not exceed 5% in the upper 2 cm.

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.

Personal Protective Equipment (PPE) should be worn.

Properties

Roll Size Availability	1.00 m x 30 m; 0.30 m x 91.4 m; 0.15 m x 91.4 m
Form	Solid
Colour	White

Application Method

Prior to the application of the Enviroflex™ Liquid Waterproof Coating, prime the substrate with an appropriate Enviroflex™ Primer, and allow to cure.

Apply approximately 1/3rd of the Enviroflex™ Liquid Waterproof Coating above the primed substrate as the base layer using a brush or roller.

Immediately apply the Enviroflex™ Reinforcing Fabric into the base layer and roll the surface with a perlon roller, eliminating potential air bubbles. Overlaps in the reinforcing fabric should be a minimum 75 mm.

Apply immediately the remaining 2/3rd of Enviroflex™ Liquid Waterproof Coating above the reinforcing fabric as the top layer.

Roll out evenly until complete saturation is achieved. Ensure the overlap areas (above and below the overlapping fabric) are fully saturated to maintain continuity of the waterproofing system.

See Enviroflex™ Liquid Waterproof Coating product information sheet for coverage rates and installation guidance.

Cleaning

Clean tools immediately after use. Uncured Enviroflex™ can be dissolved with mineral spirits. Wash hands after use.

Typical Specification

Roof waterproofing system to be Enviroflex™ Liquid Waterproofing System, as manufactured by Sealoflex UK Limited, Barton Dock Road, Stretford, Manchester, M32 0YL. The membrane is to be installed and sealed in accordance with the relevant codes of practice and with the manufacturer's instructions.

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NBS Specification

Enviroflex™ Liquid Waterproof System can be specified using the following clauses;
Clause: J31/110; J31/120; J31/130
Product: Enviroflex™ System.
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

Delivery

The product is delivered to site in rolls wrapped in plastic film.

Storage

Product should be stored in a dry and cool environment, off the ground. Protect the product against moisture. Keep rolls in unopened packaging when not in use.

Disposal

Fabric EWC 04 05 21

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™ Reinforcing Fabric	0.15 m x 91.4 m
Enviroflex™ Reinforcing Fabric	0.30 m x 91.4 m
Enviroflex™ Reinforcing Fabric	1.00 m x 30 m

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.