



Enviro ElastoFlex

APPLICATION METHOD STATEMENT



Table of Contents

<i>Table of Contents</i>	<u>2</u>
<i>Introduction</i>	<u>3</u>
<i>General Information</i>	<u>4</u>
<i>Application Procedure</i>	<u>5</u>
<i>Basic Requirements</i>	<u>8</u>
<i>Quality Inspection & Assurance</i>	<u>10</u>
<i>Contact EnviroSystems</i>	<u>11</u>



Introduction

Enviro ElastoFlex is a specially engineered waterproof jointing system that allows for high and irregular movement across construction, expansion and connection joints. When fixed with a suitable adhesive such as Enviro Epoxy EF, Enviro ElastoFlex will ensure a superior seal even when under movement from more than one direction.

FEATURES

- Easy installation
- Chemical resistant
- Flexible
- Wide temperature range
- Non-toxic
- Root resistant
- Excellent adhesion
- Compatible with most other EnviroSystems products

Enviro ElastoFlex is simple to install and can be used for a variety of applications. The following pages provide specific information on the preparation and installation of Enviro ElastoFlex.

General Information

- This installation manual has been prepared by EnviroSystems Technologies and is intended to assist in the systematic application of EnviroSystems products to ensure a reliable level of product quality and performance.
- The design and application of the waterproofing membrane should be done so in compliance with EPA requirements and relevant government legislation.
- Parameters outlined in this manual should be used as a guide for application reference. This manual does not override any project specific operation standards.
- EnviroSystems Technologies is not liable for any damage to the installed products, by any party other than the waterproofing subcontractor.
- EnviroSystems Technologies reserves the copyright to this installation manual.



Application Procedure

Application is to be by accredited applicators only and strictly in accordance with the product data sheet. The appropriate product data sheet should be read and understood thoroughly before the use of Enviro ElastoFlex.

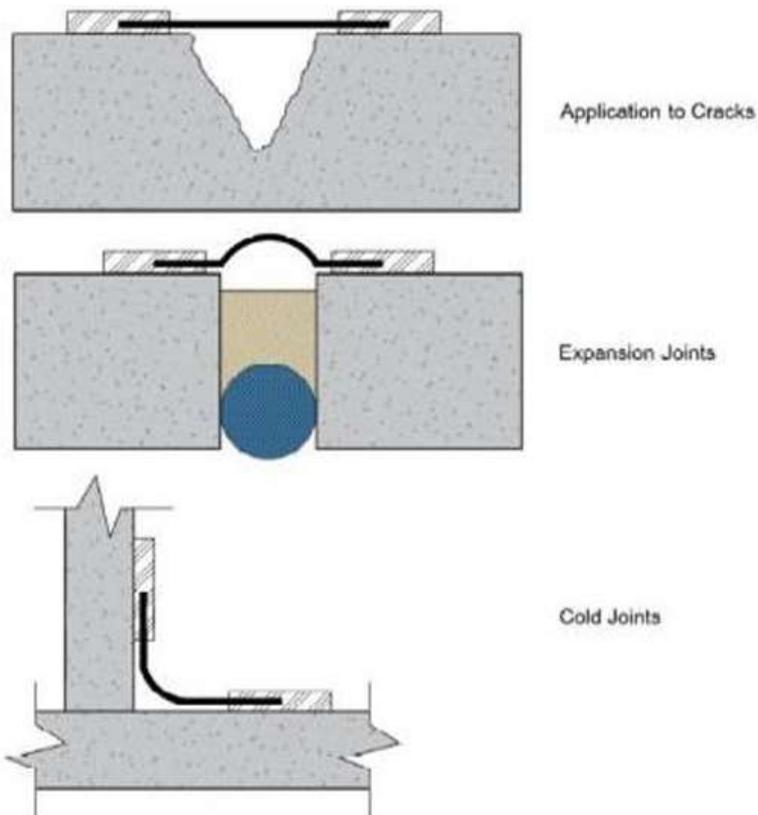
SUBSTRATE PREPARATION

- Concrete substrates must be clean, dry and free from all loose particles including dust, laitance, grease, coatings, curing compounds and any other foreign matter. The surface can be prepared by way of degreasing, grinding or caotive shot blasting to provide an adequate surface profile.
- Steel substrate should be free from all contaminants such as oil, grease, rust and scale. Optimum surface preparation is to grit blasted clean to a bright metal finish. • Prepare substrate either side of joint by suitable means such as sandblasting or grinding to provide an adequate surface for the subsequent Enviro Epoxy EF adhesive. Ensure treatment area is vacuumed clean.
- For further information on substrate preparation or for project specific advice, please consult EnviroSystems at customerservice@envirosystems.com.au.

ENVIRO ELASTOFLEX APPLICATION

- It is recommended that Enviro Epoxy EF be used as the adhesive for Enviro ElastoFlex. Please carefully read the product data sheet for Enviro Epoxy EF prior to use.
- Clean both sides of Enviro ElastoFlex with a damp cloth (water only) and allow to dry.
- Using masking tape, cover the joint and either side where the adhesive will be applied.
- Place a suitably sized tape along the centre (on the outer facing side) of the Enviro ElastoFlex. Mix Enviro Epoxy EF as per recommendations and apply to either side of the joint. Remove masking tape covering the joint once adhesive is applied.
- Place Enviro ElastoFlex into the wet adhesive and press in with suitable roller until adhesive is squeezed out approximately 5mm. Ensure no air is trapped between the adhesive and Enviro ElastoFlex.
- Allow the base layer of Epoxy EF to achieve initial set. Apply Enviro Epoxy EF over the installed Enviro ElastoFlex ensuring adequate encapsulation of >1mm and Enviro Epoxy EF extends at least 10mm past the edges.
- Once Enviro Epoxy EF is applied and while wet, remove tape from the centre of the Enviro ElastoFlex and the masking tape on the outside ensuring a neat and precise detail. In high humidity and wet weather, do not apply when rain is imminent, check the forecasts. Use tents or protection to cover areas to be worked on. Use fans or driers and ventilation to remove moisture and lower humidity, do not directly blow onto product.
- Enviro ElastoFlex pieces can be joined by hot air welding. The join should be cleaned and abraded with sandpaper then activated with a suitable welding solvent prior to joining. The weld should be overlapped by >50mm.
- For joints where high movement is expected, ensure the Enviro ElastoFlex is installed with a look (slack) to accommodate high movement.

- For further information regarding the application of Enviro ElastoFlex or for project specific advice, please consult Enviro systems at consumerservice@envirosystems.com.au



Basic Requirements

Materials

- All Envirosystems products delivered to a construction site shall be equipped with the correct original with the following information:
 - Product name.
 - Supplier information.
- All Envirosystems materials should be inspected upon its delivery to the construction site, the material can only be used after ensuring no damage or contamination.
- When transporting and storing Envirosystems products:
 - Stack the products separately according to product type and specifications.
 - Avoid exposure to sun and rain.
 - Keep well ventilated.
 - Control temperature, so as not to exceed 45°C.

Application

- All applicators shall obtain sufficient and relevant training in waterproofing and the application of waterproofing membranes.
- All scaffolding and installation infrastructure shall be installed in accordance with the relevant Australian Standard.
- The preparation and maintenance of the substrate shall be undertaken observing the design and standard requirements.
- All embedded pipe fittings shall be embedded in advance in accordance with the design and standard specifications. All embedded pipe fittings should be sufficiently sealed prior to installation of the membrane.
- Application of Envirosystems products should not occur during any form of precipitation, whilst experiencing winds greater than 40 km/h, whilst the temperature is below 5°C.

- A quality control assessment shall be completed, with full inspection and completed records indicating that the various installation procedures have been completed to a satisfactory level.
- Ensure that all installation contractors are wearing the correct Personal Protective Equipment (PPE), as per product and site requirements.
- Contractor ITP's to be adhered to and hold points signed off.



Quality Inspection & Assurance

General Requirements

The approved waterproofing applicators Inspection Test Plan is to be followed and all hold points, and inspections, are to be recorded and sign off prior to subsequent works commencing.

Contact Enviro systems

NEW SOUTH WALES - HEAD OFFICE

Ground Floor, 295 Princes Highway, St Peters NSW 2044 | info@enviro systems.com.au

QUEENSLAND

Unit 3, 28 Burnside Road, Yatala QLD 4207 | info@enviro systems.com.au

VICTORIA

49 Wood Street, Thomastown VIC 3074 | info@enviro systems.com.au

WESTERN AUSTRALIA

78 Discovery Drive, Bibra Lake WA 6163 | perth@enviro systems.com.au PHONE 1300
WATERPROOF (928 377)