



# Enviro XPS

## Self-Adhering Sheet Membrane



### DESCRIPTION

Enviro XPS is a cross laminated HDPE / bitumen self-adhesive sheet membrane system. When installed, this layered system provides a fully bonded waterproofing membrane, to encapsulate the area of application.

### FEATURES

- Fully bonded
- Chemical and gas resistant
- Fully adhered lap joints
- Flexible
- Cold applied
- Easy and quick application
- Self-adhesive
- Puncture resistant

### TYPICAL USES

Enviro XPS is simple to install and can be used for a variety of applications including;

- Basements
- Concrete slabs on ground
- Sub-structures
- Lift pits
- Roof tops
- Below grade
- Podiums
- Terraces

### PHYSICAL PROPERTIES

Colour	Black with clear release film
Form	Roll
Total Thickness	1.2mm, 1.5mm or 2.0mm
Roll Width	1m or 2m
Roll Length	30m (1.2mm) & 20m (1.5 & 2mm)
Tensile Strength	4N/mm
Elongation	>150%
Low Temp Flexibility at -25°C	Unaffected, Pass
Lap Peel Adhesion	>1N/mm
Adhesion to Concrete	>2N/mm
Heat Resistance at 70°C	Unaffected, Pass
Tear Strength	25N

### SUBSTRATE PREPARATION

Concrete, mortar and masonry surfaces must be clean, free from grease, oil, laitance, loosely adhering particles and sharp edges. Voids and hollows should be filled with a high strength cementitious repair mortar. All vertical and horizontal surfaces should be finished smooth.

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

[customerservice@envirosystems.com.au](mailto:customerservice@envirosystems.com.au)

### PRIMING

Priming prior to application of Enviro XPS is recommended and will promote adhesion. The selection of the most appropriate primer is dependent on the substrate conditions. Generally, Enviro Prime WB is used however consultation with EnviroSystems prior to primer selection is recommended.

**NOTE:** For further information on applications that may not require priming or for project specific advice, please consult EnviroSystems.

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## APPLICATION

Enviro XPS is applied to the surface by peeling the back-release paper and laying the membrane firmly to the substrate with the self-adhesive side face down.

Adjacent rolls should be aligned and overlapped on the side and end by a minimum of 50mm. All overlaps should be firmly rolled with a suitable roller (refer EnviroSystems Technologies) to ensure complete adhesion between sheets and layers.

If being installed in below grade applications, it is recommended that a suitable and approved protection layer be installed to prevent damage when back filling.

If Enviro XPS is being used in applications such as terraces, roof tops and podiums, the membrane should be covered with a suitable coreflute when other trades are present.

**NOTE:** If Enviro XPS is damaged or punctured, area of repair should be cleaned and an additional piece of Enviro XPS placed over repair zone ensuring a minimum of 500mm lap all around.

For further information regarding application of Enviro XPS or for project specific advice please consult EnviroSystems.

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## PACKAGING & COLOURS

Enviro XPS is available in 1.5mm x 1m x 20m sheets.

## SHELF LIFE

Enviro XPS should be stored in dry, cool conditions out of direct UV and weather. Maximum storage temperature is 45°C. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure, please contact EnviroSystems for advice.

## HEALTH & SAFETY ADVICE

Refer to the Safety Data Sheet for full safety and handling procedures.

**NOTE:** Safety Data Sheets are available upon request by emailing [customerservice@envirosystems.com.au](mailto:customerservice@envirosystems.com.au)

## We're here to help you!

It is a good idea to keep a journal of your waterproofing job, whether big or small.

- Take pictures at all stages of your work, including preparation
- Record the quantity and description of products used with corresponding batch numbers
- Record dates and times of when you applied products, from start to finish

Please do not hesitate to contact us for any questions you may have.

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## STATEMENT OF RESPONSIBILITY

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