



# Enviro Prime PW

## Low Viscosity, Solvent Free, Epoxy Primer for Potable Water Applications



### DESCRIPTION

Enviro Prime PW is a two component, solvent free, epoxy primer for use on concrete, including outstanding adhesion to damp concrete. Enviro Prime PW uses premium epoxy resins and curing agents to produce a low-viscosity, clear, yet tough and durable product.

### FEATURES

- Good tolerance of low temperatures
- Potable water approved under AS4020
- 100% solids – long shelf life and no shrinkage in the coating film
- Non-corrosive
- Non-flammable
- Good overall chemical resistance
- Clear formulation
- Moisture tolerant
- Low viscosity

### TYPICAL USES

Enviro Prime PW is typically used as a primer over masonry substrates such as concrete, render, blockwork and CFC sheeting prior to the application of Enviro HP1200PW.

### PHYSICAL PROPERTIES

Mix Ratio (A:B)	3:1 (v/v)
Touch Dry @ 25°C	3-4 hrs
Theoretical Coverage	4-6m <sup>2</sup> /L @200µm
Recommended Dry Film Thickness (DFT)	100-200µm
Solids Content (%)	100
Colour	Amber Clear

### SUBSTRATE PREPARATION

The surface must be clean, dry and free from all loose particles including dust, laitance, grease, coatings, curing compounds and any other foreign matter. The substrate must be prepared by way of degreasing, grinding or captive shot blasting to provide an adequate surface profile.

Apply a suitable and approved joint sealant such as Enviro Flex Pro to all joints and connecting building parts prior to the application of Enviro Prime PW. Enviro Prime PW is suitable for use over the following substrates;

- Concrete (cured for minimum 28 days)
- Renders (cured for minimum 7 days)
- Blockwork
- CFC Sheeting

**NOTE:** Do not apply Enviro Prime PW to any concrete that has received concrete curing compounds.

Some substrate preparations may initially require mechanical grinding in order to provide an adequate surface profile and to promote optimum adhesion for the membrane system.

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

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



## MIXING

Mix Enviro Prime PW at a 3:1 ratio ensuring that Part B is added to Part A while stirring with a mechanical mixer. Mix until the product is uniform in colour.

## APPLICATION

Enviro Prime PW can be applied by brush, roller or spray. Applications of excessive build should be avoided, and material must not be allowed to pool on the substrate surface.

If using an airless spray device, ensure that the DFT achieved is greater than 0.1mm (100µm)

## COVERAGE

The consumption of Enviro Prime PW will depend upon substrate condition and type.

200µm DFT – 4-6m<sup>2</sup>/litre

## CURE

Cure time is based on 100µ-200µ dry film thickness. Excessive film thickness, cooler temperatures or poor ventilation may require longer cure times resulting in premature failure.

	(10-15°C)	(21-27°C)	(32-38°C)
Surface Dry	12-20 hrs	6-10 hrs	3-5 hrs
Hard Film	36-44 hrs	18-22 hrs	9-11 hrs
Recoat (min)	36-44 hrs	18-22 hrs	9-11 hrs
Recoat (max)	90 hrs	45 hrs	23 hrs
Full cure	16 days	8 days	4 days

## PACKAGING & COLOURS

Enviro Prime PW is supplied in 20 litre (Part A 15 litre, Part B 5 litre) proportioned ready for mixing.

## CLEANING

Clean all mixing and application equipment immediately after use with Enviro Thinner No7.

## SHELF LIFE

Enviro Prime PW can be stored in its original sealed containers for up to 24 months in controlled environments. 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

Enviro Prime PW is non-flammable, however, as a precaution, always provide good ventilation when applying. Wash off splashes of material with clean water, wear gloves and eye protection. If irritation is experienced seek medical 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.

EnviroSystems Technologies Pty Ltd

**Address** 295 Princes Highway, St Peters NSW 2044  
 Sydney, Australia  
**Phone** +61 2 8595 8699  
**Fax** +61 2 8595 8660  
**Email** [customerservice@envirosystems.com.au](mailto:customerservice@envirosystems.com.au)  
**Web** [www.envirosystems.com.au](http://www.envirosystems.com.au)

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