



Enviro Prime P2

Fast Cure Polyurethane Primer



DESCRIPTION

Enviro Prime P2 is a 2 part fast cure polyurethane primer for use over steel, asphalt, bitumen based materials and concrete.

FEATURES

- Very low VOC
- Bonds to most metal surfaces
- Excellent bond to a wide variety of substrates
- Highly flexible
- Solvent free

TYPICAL USES

Enviro Prime P2 is a solvent free, two component polyurethane primer, which provides both a strong chemical and physical bond to subsequent waterproofing materials and most metal surfaces.

PHYSICAL PROPERTIES

Colour	Red
Adhesion to concrete	>3MPa (Cohesive failure in concrete)
Solids Content	100%
Dry Film Thickness	Approx. 200 microns
Recoat Time	4 hours at 20°C
Mix Ratio (A:B)	2.2:1 (w/w)
Pot Life	15 minutes at 25°C
Specific Gravity	1.13
Tensile Strength	10MPa

SUBSTRATE PREPARATION

Surfaces must be clean and free from all loose particles, including dust, laitance, grease, coatings and curing compounds. Degreasing, grinding and/or captive shot blasting are required to provide a surface profile. Allow floor to dry if degreasing has been carried out before applying Enviro Prime P2.

NOTE: Metal surfaces may require an abrasive blast to Australian Standard 1627.4:2005.

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

customerservice@envirosystems.com.au

MIXING

Enviro Prime P2 is supplied in pre-weighed packages, and it is essential that all of the hardener (Part B) is added to the entire resin component (Part A). Enviro Prime P2 should be mixed thoroughly in a separate mixing vessel, using a mechanical paint stirrer for a minimum of thirty seconds.



APPLICATION

Once fully mixed, Enviro Prime P2 should be immediately applied by squeegee, roller or brush to the prepared substrate. It should then be back rolled, with a medium nap roller to fill voids in the substrate. Extremely porous or damp substrates may require a two-coat primer application in order to fully seal the surface and this should be determined by site trials.

To provide an additional mechanical key, the primer must be fully filled with size 0 dry silica sand immediately after application, with the excess being removed prior to over coating. If the surface is extremely rough, Enviro Prime P2 should be applied by roller. The consumption will increase and care must be taken to remove 'puddles' of primer before sanding. Extra care must be taken to ensure all substrates are dry.

For further information regarding application of Enviro Prime P2 or for project specific advice please consult EnviroSystems.

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COVERAGE

The coverage of Enviro Prime P2 will depend upon the substrate and its condition. The following coverage rates can be expected.

Coverage Rate 0.125 – 0.2L/m² or 5-8m²/L

PACKAGING & COLOURS

Enviro Prime P2 is supplied in 10L pre-proportioned kits.

Part A: 7.2L

Part B: 2.8L

CLEANING

Enviro Prime P2 should be removed from all tools and equipment, prior to hardening with Enviro Thinners No.1 or Thinners No. 7. Cured material can only be mechanically removed.

SHELF LIFE

Enviro Prime P2 can be stored in its original sealed containers for 12 months, when placed in a cool controlled environment, out of direct sunlight, and between 0-35°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

When using Enviro Prime P2 always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid contact with skin. Avoid breathing vapours. Wear protective eyewear. If inhalation effects occur, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, seek medical attention. Refer to Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available upon request by emailing 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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environmentally responsible technology

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