



Enviro HP1200 LP

High Performance, Solvent Free Hand Applied Elastomer Waterproof Membrane



DESCRIPTION

Enviro HP1200LP is a two component, hand applied, solvent free, flexible, and 100% solids polyurethane waterproofing membrane. Enviro HP1200LP is uniquely formulated to provide high elasticity, tensile and tear strengths while also possessing excellent abrasion resistance. Enviro HP1200LP has been independently tested by the CSIRO and passes all requirements for AS4654.1:2009 (external area waterproofing).

FEATURES

- Fast Curing
- Elastomeric
- Fast System Application
- 100% Solids
- 100% Waterproof
- Very Low VOC
- Seamless Application
- Excellent Abrasion Resistance
- Trafficable
- Excellent Durability
- UV Resistant

TYPICAL USES

Enviro HP1200LP can be used for to provide a 100% trafficable waterproof membrane for the following areas;

- Green Roofs & Roof Tops
- Podiums
- Planter Boxes
- Car Parks
- Retaining Walls
- Balconies
- Cut & Covered Tunnels

PHYSICAL PROPERTIES

Mix Ratio (volume)	4.25:1 (A:B)
Colour	Grey
Pot Life at 25°C	15 - 25 mins
Density (kg/m ²) AS 1683.4	1.05 – 1.15
Adhesion to Concrete (MPa) DIN1048	>1.0
Hardness (Shore A) AS 1683.15.2	78±3
Elongation AS1683.11/ISO37	>370%
Tensile Strength (MPa) AS1683.11/ISO37	>13.0
Dynamic Crack Bridging (mm) ZTV-SIB	0.2
Crack Bridging (mm) ZTV-SIB 90	2

SUBSTRATE PREPARATION

The substrate 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 or Enviro Flex FC to all joints and connecting structure parts prior to the application of Enviro HP1200LP.

Enviro HP1200LP is suitable for use over the following substrates;

- Concrete (cured for minimum 28 days)
- Renders (cured for minimum 7 days)
- Plywood (marine grade only)
- Steel

NOTE: Do not apply Enviro HP1200LP to any concrete substrate that has received curing compounds.

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

customerservice@envirosystems.com.au





PRIMING

Apply Enviro Epoxy B-LV or Enviro Prime P2 to suitably prepared substrate by brush, roller or squeegee as per the relevant product data sheet. Allow primer to fully cure before proceeding with the application of Enviro HP1200LP.

NOTE: For further information on applications that may require priming or for project specific advice, please consult EnviroSystems.

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APPLICATION

Enviro HP1200LP should be applied to substrates $\geq 5^{\circ}\text{C}$ and when the product is $\geq 10^{\circ}\text{C}$. Enviro HP1200LP is to be applied using brush, roller or squeegee.

For further information regarding application of Enviro HP1200LP or for project specific advice please consult EnviroSystems.

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COVERAGE

The coverage of Enviro HP1200LP will depend on weather and substrate conditions.

Recommendations for External Applications

1.5mm Dry Film Thickness – 1.6kg/m²

CURE

The curing rate of Enviro HP1200LP is dependent on ambient and substrate temperatures.

NOTE: As the temperatures increase, the curing time decreases.

Hard Coating (mins)	10
Cure	85% (1 hour)
100% (7 days)	
Recoat – minimum (mins)	3 (22°C)

PACKAGING & COLOURS

Enviro HP1200LP is supplied in a 17.26kg kit in Green only.

CLEANING

Cured Enviro HP1200LP is difficult to remove chemically and therefore spillages should be minimized and clean up immediately to limit damage.

SHELF LIFE

Enviro HP1200LP can be stored in its original sealed containers for 12 months. 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 HP1200LP contents are considered non-flammable. Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid breathing vapours. Avoid contact with skin.

If swallowed, DO NOT induce vomiting, give glass of water and seek immediate medical advice. If contact with skin, wash off splashes of material with clean water and soap. If irritation occurs seek immediate medical advice.

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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