

Enviro HP1200 AC

High Performance, UV Stable, Solvent Free, Sprayed Elastomer Waterproofing Membrane



DESCRIPTION

Enviro HP1200 AC is a two component, UV stable, solvent free, flexible, and 100% solids sprayed elastomer waterproofing membrane. Enviro HP1200 AC is a uniquely formulated aliphatic system that provides high elasticity, tensile and tear strengths while also possessing excellent abrasion resistance.

FEATURES

- Fast Curing
- Solvent Free
- UV Stable
- Seamless Application
- Trafficable
- Fast System Application
- Elastomeric
- 100% Solids
- Very Low VOC
- Excellent Abrasion Resistance
- Excellent Durability
- Convenient 1:1 Mix Ratio

TYPICAL USES

Enviro HP1200 can be used for to provide a 100% trafficable waterproof membrane for the following areas;

- Green Roofs & Roof Tops
- Car Parks
- Water Containment Structure
- Swimming Pools
- Water Tanks
- Retaining Walls
- Cut & Covered Tunnels

PHYSICAL PROPERTIES

Mix Ratio (volume)	1:1
Colour	Made to order
Pot Life at 50°C	15-20 Seconds
Density (kg/m ²) AS 1683.4	0.988
Hardness (Shore A) AS 1683.15.2	90±3
Elongation AS1683.11	475%
Tensile Strength (MPa) AS1683.11/ISO37	16
DIN Abrasion Resistance (mm ³) AS1683.21	220
Angle Tear Strength (kN/m) AS1683.012	71
Trouser Tear Strength (kN/m)	39

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 or Enviro Flex FC to all joints and connecting structure parts prior to the application of Enviro HP1200AC.

Enviro HP1200AC 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 HP1200AC 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 (sand seeded) 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 HP1200AC.

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

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MIXING

Mixing by way of 1:1 mix ratio (by volume) in heated plural component spray equipment such as Graco EXP-2 or similar. Low and high-pressure spray equipment can be used for the application of Enviro HP1200AC.

CURE

The curing rate of Enviro HP1200AC is dependant on ambient and substrate temperatures.

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

Hard Coating (mins)	10-15
Cure	85% (1 hour) 100% (6 days)
Recoat – minimum (mins)	<5
Recoat – maximum (hours)	3

COVERAGE

The consumption of Enviro HP1200 AC will depend on weather and substrate conditions.

Recommendations for External Applications

1.5mm Dry Film Thickness 1.6kg/m²

Recommendations for Full Immersion Applications

3mm Dry Film Thickness 3.2kg/m²

PACKAGING & COLOURS

Enviro HP1200 AC is supplied as a 40kg Kit and can be supplied in made to order colours.

CLEANING

Cured Enviro HP1200AC is difficult to remove chemically and therefore spillages should be minimized and clean up immediately to limit damage. If required, cured Enviro HP1200 AC can be removed with Enviro PUR Remover & Cleaner.

SHELF LIFE

Enviro HP1200AC 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 HP1200AC 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.

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
Web www.envirosystems.com.au



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