

# Enviro Clad

## SINGLE PACK ACRYLIC WATERPROOFING MEMBRANE

**Enviro Clad** is a water-borne single pack acrylic waterproofing membrane with excellent UV, water and alkaline resistance. Enviro Clad also demonstrates good resistance to carbon dioxide and chloride ion diffusion. The significant anti-mould ingredient gives long lasting protection to exterior walls from fungus and mould attack. Enviro Clad is applied by brush, roller or spray, forming a highly elastic coating with colour stability.

### FEATURES AND BENEFITS

- Very Low VOC
- Water based
- Flexible
- Waterproof
- Mould resistant
- Chloride and CO<sub>2</sub> resistant
- UV resistant
- Vapour permeable
- Versatile
- Single pack

### APPLICATION SOLUTIONS

Enviro Clad is a versatile and beneficial acrylic coating that can be used to create an aesthetically pleasing as well as functionally waterproof surface. Because of its chemical resistance to chlorine, CO<sub>2</sub> and other naturally occurring erosive substances, it is excellent for external use and is most typically applicable to:

- Roofing
- Building facades
- Parapets
- Chimney restoration
- Retaining walls
- Boat decks
- External walls
- Fences

### PRODUCT INFORMATION

**Packaging:** Enviro Clad is supplied as a 1-Part acrylic coating in 4L and 15L pails.

**Shelf life:** Enviro Clad can be stored in its original sealed containers for 12 months, when placed in dry and cool conditions. If stored in high temperature and humidity locations, the shelf life may be reduced. Always check product quality before using after prolonged periods of storage. If unsure contact Enviro systems for advice.

**Colours:**



**WATERPROOFING**



## Directions for Use

### SUBSTRATE PREPARATION

All defective host substrate must be removed prior to application. Defective material includes cracked or structurally weakened surfaces and chloride contaminated and carbonated concrete. A concrete corrosion expert must be consulted for critical projects or structural applications. The surfaces may require steam cleaning or high-pressure water blasting.

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

Surfaces must be clean, dry and free from contamination such as dust, laitance, grease, coatings and curing compounds. Remove all sharp edges including screws, nails and concrete/mortar projections. Apply Enviro Flex FC or Enviro Flex FL with a minimum sealant width of 15mm (and allow to cure), to all joints, cracks etc. prior to the application of Enviro Clad. Apply Enviro Cloth Tape Black on the skinned sealant before applying Enviro Clad.

Enviro Clad is suitable for use over the following substrates:

- ① New concrete - cured for min. 28 days and under 4.5% moisture (gravimetric method)
- ① Fibre cement sheets - walls (min. 6mm)
- ① Renders and screeds - cured for min. 7 days and under 4.5% moisture (gravimetric method)
- ① Compressed fibre cement (min. 15mm)
- ① Plasterboard walls - wet area grade only (min. 10mm)
- ① Plywood (PAA) - wet area grade only

### PRIMING

It is recommended to apply Enviro Prime WB or Enviro Prime SB prior to application of Enviro Clad.

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

### MIXING

Enviro Clad should be thoroughly mixed at a low speed to ensure homogeneity of the products colour and consistency prior to application.

### APPLICATION

Apply Enviro Clad by brush, plain/texture roller or airless spray to achieve the required dry film thickness (DFT). The application of two coats of Enviro Clad is recommended.

Different colours may be used for each coat of Enviro Clad to ensure adequate film build and facilitate coverage.

### CLEANING

For easy removal of Enviro Clad from tools and surfaces, clean immediately with water before it has time to dry.

### LIMITATIONS

Do not apply any materials during damp or rainy conditions or where there is likelihood of rain. For further information regarding application of Enviro Clad or for project specific advice please consult EnviroSystems.

## Product Data

### PHYSICAL PROPERTIES

| PROPERTY   |                               |
|--|-------------------------------|
| Colour   | Assorted                      |
| Finish   | Matt                          |
| Volume Solids  | 45%                           |
| Supply Form  | Single Part Liquid            |
| Accelerated Weathering                                       | 1000 cycle pass (ASTM G53-88) |
| Mould Resistance   | Passed (BS 3900:G6)           |
| Elongation   | >200%                         |
| Carbon Dioxide Diffusion Resistance Equivalent Air Thickness | ≥250m                         |
| Water Vapour Diffusion Resistance                            | SD = 1.5m                     |
| Water Permeability   | ASTM E514                     |
| Alkaline, Mid Range Acids and Bio-Deterioration              | SG 1.34                       |

### COVERAGE RATES

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

**Recommendations for external applications:** 150µm Dry Film Thickness – 0.33L/m<sup>2</sup>

### CURING TIME

Enviro Clad generally can be recoated after allowing curing overnight. Do not use if rain is imminent within 8 hours of application.



## Contact Enviro systems

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### PHONE

1300 WATERPROOF (928 377)

#### HEALTH & SAFETY ADVICE

Enviro Clad is non-hazardous according to Safe Work Australia criteria, 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.*

#### KEEP OUT OF REACH OF CHILDREN

#### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

*NOTE: Field service where provided, does not constitute supervisory responsibility. Suggestions made by Enviro systems either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Enviro systems are responsible for carrying out procedures appropriate to a specific*

*NOTE: All products manufactured by Enviro systems comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.*