



# ADVATHANE PU COATING HYBRID

## DESCRIPTION

ADVATHANE PU COATING HYBRID is a high performance, liquid applied waterproofing membrane of modified polyurethane resin. It is specially formulated to waterproof and decorate exterior roofs. It consists of a flexible polymer and other carefully selected additives that allow the cured membrane to accommodate movements in the substrate. It works as a seamless membrane that seals cracks and joints in old or new roofs and provides a trafficable surface.

## USES

- ▶ Exposed Concrete Slab Roofs
- ▶ Metal Surfaces
- ▶ Fibre Cement Boards
- ▶ Gutters
- ▶ New and Old Roofs
- ▶ Tiles Roofs

## ADVANTAGES

- ▶ Easy to apply – brush, roller or airless spray can be used.
- ▶ Solvent Free – giving operators safe and clean working environment.
- ▶ Low VOC and Environmentally friendly.
- ▶ Waterproofing – protects new and old concrete from the passing of water.
- ▶ Durability – enforced with fibre glass (or fleece) matt increases mechanical properties and wear resistance.
- ▶ Weather Resistant – excellent UV resistance.
- ▶ Flexible, accommodates minor joint movements and enable bridging of hairline cracks.

## APPLICATION

### INSTRUCTION FOR USE:

- ▶ Fresh concrete should be allowed to cure for at least 28 days before the application of ADVATHANE PU COATING HYBRID with humidity not to exceed 8%.
- ▶ Ensure the surface is clean and free from dust, grease, oil or any loose material.

### SYSTEM SEQUENCE:

- 1.) One coat of ADVATHANE COATING EMULSION
  - 2.) One layer of Fibre Mesh or Fleece (optional)
  - 3.) One or two coats of ADVATHANE COATING EMULSION
- ▶ One layer of ADVATHANE PU COATING HYBRID over the fibre mesh is adequate, and the second layer is given as a choice to enhance the best results of waterproofing.
  - ▶ Do not add any quantity of water.



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### PROCEDURES:

- ▶ Apply the first coat of ADVATHANE PU COATING HYBRID.
- ▶ Insert fibre mesh on the first coat after it is dried but still little tacky.
- ▶ Then apply the second coat of ADVATHANE PU COATING HYBRID on the mesh and leave it to dry.
- ▶ Follow the thickness and consumption rate described in the Product Properties Table.
- ▶ One layer of ADVATHANE PU COATING HYBRID is adequate over the fibre mesh, but for best results, apply a second coat.
- ▶ Do not apply ADVATHANE PU COATING HYBRID when the temperature is expected to drop at below 5°C.
- ▶ Protect the coat from rain, high temperature and moisture during the first few hours of application.

## HEALTH & SAFETY

- ▶ It is recommended that the operators wear gloves and safety shoes and goggles.
- ▶ Keep away from mouth and eyes, if contact with eyes rinse thoroughly with clean water.
- ▶ Avoid prolonged contact with skin, if the material contacts with the skin, wash the area with soap and water.
- ▶ Seek medical attention immediately if irritation persists.

## CLEANING

- ▶ Clean equipment with soapy water followed by rinsing with clean water.
- ▶ Clean the spray equipment with mineral spirit (like white spirit) to protect it from rust.

## GUARANTEE

- ▶ Our guarantee covers only the quality of the manufactured product, but the application and use of the product is not guaranteed since the conditions of the application and use are beyond company control.



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### SPECIFICATIONS for CONCRETE & ROOFS

Recommended system is 3-4kg/m<sup>2</sup> of ADVATHANE PU COATING HYBRID with fibre mesh (or fleece), following the consumption rate described in the table.

### PRODUCT PROPERTIES

Color	White, Grey or special colors on request
Density	1.26kg/liter
Tensile Strength (ASTM D412)	>2 N/mm <sup>2</sup>
Elongation (ASTM D412)	300%
Weather Resistance	UV Resistant
Solid Content (ASTM D 2369)	62%
Coverage	1 kg cover 1.8kg/m <sup>2</sup>
Initial Curing	6 hours
Overcoat Time	6 - 24 hours
Final Curing	7 days
Service Temperature	5°C - 35°C
Shelf Life	18 months if stored in its original closed container at a temperature of 5°C - 30°C.
Packing	20kg/pail

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.