



# ECO-SILENT MAT ADHESIVE PU

## SOLVENT FREE

ECO-SILENT MAT ADHESIVE - PU is a single component, solvent free, elastomeric, moisture cured polyurethane adhesive designed for bonding ECO-SILENT MAT to a range of substrates. ECO-SILENT MAT ADHESIVE - PU can be used for both internal and external<sup>1</sup> areas as an alternative to hazardous solvent based adhesive systems. Exhibiting excellent water resistance, ECO-SILENT MAT ADHESIVE - PU provides high bond strength to ECO-SILENT MAT, fleece-backed underlays, geotextile sheeting and a range of woven and non-woven reinforcement sheet products. Simple application is ensured using a 4mm “V” notch trowel. Adhesive is applied to the substrate prior to placing the ECO-SILENT MAT into the wet adhesive bed.

### RECOMMENDED FOR

- Adhering ECO SYSTEMS<sup>TM</sup> ECO-SILENT MAT
- Bonding floor underlays
- Adhering geotextile fabrics
- Internal & External applications

### PRODUCT FEATURES

- Low VOC - Solvent free
- Suitable for use with waterproofing systems and coatings.
- Suitable for internal and external<sup>1</sup> areas.
- High bond strength.
- Single component – No mixing
- Excellent working time – allows time to position rubber underlays and fabrics without rapid setting.
- Stable when cured.

<sup>1</sup>Eco Silent Mat must be covered by a CTA<sup>TM</sup> approved waterproofing membrane when used for internal wet area and uncovered external applications.

### SURFACE PREPARATION

All surfaces must be clean, dry, and free from dust, grease, wax, oil, laitance, curing compounds, release agents, paint, coatings, friable material, and all other contaminants likely to prevent the adhesive bonding. Concrete is to be left with a wood float finish and must be allowed to cure for a minimum of 28 days and sand/cement screeds must be allowed to cure for a minimum of 7 days before the installation of ECO-SILENT MAT ADHESIVE - PU. For further information, contact the CTA<sup>TM</sup> Technical Department.

### APPLICATION

Apply ECO-SILENT MAT ADHESIVE – PU to the prepared substrate using a 4mm 'V' notch trowel. Ensure the mat is fully bedded into the adhesive before it skins. Do not disturb the mat until the adhesive has cured.

### DRYING

Allow a minimum of 24 hours at 21°C for the adhesive to set prior to allowing foot traffic. Allow 48 hours at 21°C when applying the adhesive over CTA<sup>TM</sup> approved waterproof membranes. For temperatures below 20°C, allow the adhesive to cure for an extended period of time. If uncertain, check to see if the adhesive has set before allowing foot traffic

### CLEAN UP

Clean tools and equipment with methylated spirits while the product is still wet.

### PACKAGING

10 litre plastic pails

### COVERAGE

1 litre of ECO-SILENT MAT ADHESIVE - PU will cover approximately 2m<sup>2</sup>. Coverage may vary depending on the porosity of substrate.

## SHELF LIFE

Unopened buckets may be stored for up to 12 months from the date of manufacture when kept in a cool, dry weatherproof environment, away from direct sun or excessive heat.

## LIMITATIONS

- ECO-SILENT MAT ADHESIVE - PU is not designed for adhering heavy fixtures.
- ECO-SILENT MAT ADHESIVE is not designed for adhering PVC, plastic or metal items.
- ECO-SILENT MAT ADHESIVE is not recommended for areas where solvent spillage or solvent based products will come into contact
- When laying ECO SILENT MAT in wet areas or uncovered external areas, a CTA™ approved waterproofing membrane must be applied over the ECO-SILENT MAT. This adhesive is not a substitute for a waterproofing membrane and should be used as part of the acoustic system.
- When applying ECO-SILENT MAT ADHESIVE to external areas where there is residual substrate moisture or areas where rising damp may be prevalent, AQUA BLOK™ Moisture Seal must be used prior to adhesive application.
- Avoid contact with water or alcohol before use and complete cure.
- Contact **CTA™ Technical Department** for further information.

## SAFETY DIRECTIONS

CTA™ supports best practice in material handling: gloves, masks, safety goggles and protective clothing should be worn. If product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the dust by wearing a suitable dust mask and provide adequate ventilation. If swallowed, drink plenty of water and seek medical advice. In case of contact with the eyes, rinse with an eye wash or wash away with plenty of water. SEE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

## WARRANTY

Construction Technologies Australia warrants its products for a period of twelve (12) years from the date of sale. Visit [www.ctaust.com.au](http://www.ctaust.com.au) to view the full terms and conditions of this warranty.

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