



# ADHESIVE ENGINEERING.

ADHESIVE ENGINEERING N.S.W. IS A DIVISION OF CARVERU PTY LIMITED A.C.N. 001 693 509

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## RADMAT ADHESIVE™ LIQUID MEMBRANE.

### DESCRIPTION:

**RADMAT ADHESIVE** is a semi-flexible, heavy duty waterproofing membrane it exhibits high resistance to chemical attack associated with showers, laundries & kitchens.

Primarily used to bond, join and seal over edges of our RADMAT (special butyl membrane).

-Shows high wear resistance.

-Easily accommodates day cycle substrate movements.

-Exhibits very high adhesion to all correctly prepared substrates, concrete, fibre cement sheeting, timber, ply wood, masonry, aluminium, steel, brass, P.V.C. glass, and others.

**Note :** Porous and low strength substrates may need an application of **Primer No 1.**

Contact our office for further details and a specification.

**COMPOSITION:** RADMAT ADHESIVE is a viscous, liquid Urethane-Epoxy Co-polymer, two part system.

**PACKAGING :** Kits of 750cc & 1500 cc

### PROPERTIES:

**COLOUR:** Std Colour: Black      Special colours available for batch lots.

**TENSILE STRENGTH:**                      20 Mpa.

**BOND STRENGTH:** 15 Mpa.

**WEIGHT:**                                      1.57 Kg. / litre.

**TOXICITY CURED:** Nil.

**HARDNESS:** Shore A: 91

**WEAR RESISTANCE:** High, can be used in traffic areas.

**WEATHERING:** Slight caulking and erosion of the surface over 10 years or more due to U.V. attack.

**RESISTANCE TO THERMAL SHOCK:** No delamination or cracking after cyclic test of temperature change from 0 degrees C. to 100 degrees C., 50 cycles.

**WATER ABSORPTION:** Non-permeable.

**FUNGUS RESISTANCE:** Does not support growth.

**COVERAGE per 1.5 litre kit:** 1 square metres.

**THICKNESS OF SINGLE COAT:** 1.5 mm min. plus Primer if used.

**SHRINKAGE ON CURINNG:** None.

**TACK FREE TIME & RE-COAT TIME :** 6 HRS. @ 25 degrees C.

**CURE TIME:** at 25 degrees C. , 80 % of ultimate strength qualities will develop in 24 hours from installation .

Full cure 5 days at 25 degrees C.

**COMBUSTIBILITY:** Ignites at over 600 degrees C.

**DIELECTRIC CONSTANT:** 3.8

**CLEAN UP TOOL & EQUIPMENT:**

Use **ADHESIVE ENGINEERING** Tool Cleaning Solvent (T.C.S.)

**MANUFACTURE & APPLICATION:**

Components of **RADMAT ADHESIVE** are manufactured to strict specifications and exacting quality control standards.

First manufactured July 1981.

Repairs to impact damaged areas easily sealed.

**RADMAT ADHESIVE** may be re-coated by cleaning and light grinding of the old surface.

**RADMAT ADHESIVE** as a **WATERPROOFING** & a **SAFETYFLOOR** may be charged with a variety of non-skid granules.

**OTHER WATERPROOFING PRODUCTS USED WITH RADMAT ADHESIVE**

Movement joints and corner flashings can be sealed with our **RADMAT** special butyl membrane.

Construction joints, cold joints, serious cracking and bony concrete is repaired with our **ARMAFLEX** resilient concrete repair kit . Contact our office for further details.

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RADMAT ADHESIVE was first manufactured.1981 by  
ADHESIVE ENGINEERING NSW  
UNIT 3- 2 Leighton Place ; Hornsby N.S.W. 2077  
For technical service ring our office 7am to 5 pm Mon to Fri.

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