

ADHESIVE **ENGINEERING**

ADHESIVE ENGINEERING N.S.W. IS A DIVISION OF CARVERU PTY LIMITED A.C.N. 001 693 509 ABN99 001693 509

3/2 Leighton Place, Hornsby NSW 2077 TELEPHONE: 02 9477 7877 P.O. Box 1505 Hornsby Westfield 1635

Web: www.adhesiveengineering.com.au

(After hrs service 0407 510 503) FACSIMILE: 02 9477 3315

Emai: sales@adhesiveengineering.com.au

T44 TAR EPOXY ADHESIVE

DESCRIPTION:

T44 is a tar modified, epoxy resin system. two parts, solvent free, cold curing, heavy viscosity, multi- purpose high-build coating / adhesive

USES:

T44 Tar modified chemical resistant Adhesive is used as a gap filling adhesive for: Bonding of concrete, steel, timber and masonry elements to all types of road surfaces. Sealing and bonding of cracked roadways. Restoration of damaged expansion joints ashphaltic and bitumen roadways.

It exhibits high resistance to most chemically aggressive environments. It is suitable for most Marine applications.

T44 is also used as a waterproof barrier for foundations, retaining walls and below ground structures.

PROPERTIES: Part A: Heavy sand filled paste

Part B: Black viscous liquid.

VISCOSITY: (Mixed, at 25 Degrees C. Thick, slow pouring

SETTING TIME: 1 hour at 25 degrees C.

CURE TIME: 80% of ultimate strength qualities will develop in 24 hours from time of

completed application.

COMPRESION STRENGTH: 34 Mpa.

TENSILE STRENGTH: 7 Mpa.

ELONGATION AT BREAK: 70%

WATER ABSORPTION: 0.03 % (continuous immersion)

POT LIFE: At 25 degrees C.: allow 15 minutes.

File: T44 issue. 2016 Page 1.of 2

RATIO:	3 parts of A to 1 part B by volume
MIXING:	Add all parts of A to B part can, mix thoroughly to an even texture.
COEFFICIENT OF THERMAL EXPANSION:	4×10^{-5} cm/cm/c degrees.
WEIGHT:	2 litre kit: 4 Kg
HYGIENIC QUALITY:	Inert, monolithic, non-porous.
FUNGUS RESISTANCE:	Does not support growth.
TOXICITY:	Nil, after full cure.
RESISTANCE TO THERMAL SHOCK	No delamination or cracking after cyclic test of temperature change from 0 degrees 100 degrees c. 50 cycles.
COMBUSTIBILITY:	Ignites at over 500 degrees c.
WEATHERING:	Good resistance to UV degradation, Physical properties unaffected by normal weathering.
WEAR RESISTANCE:	High, even under adverse conditions.
PACKAGING:	2 litre kits.
NOTES:	
CLEAN UP TOOL & EQUIPMENT: Use ADHESIVE ENGINEERING Tool Cleaning Solvent (T.C.S.)	

T44 was first manifactured 1980 by ADHESIVE ENGINEERING NSW

SAFETY FIRST Ref: Our safe handling Bulletin.

UNIT 3- 2 Leighton Place; Hornsby N.S.W. 2077 For technical service ring our office 7am to 5 pm Mon to Fri.

Phone (02) 9477 78 77 Fax (02) 9477 33 15 After hours 0407 51 05 03.

Web:www.adhesiveengineering.com.au Email: sales@adhesiveengineering.com.au

File: T44 issue. 2016 Page 2.of 2