

DRIVE Marine Services

Bote-Cote

BOTE-COTE is an epoxy chemical composition particularly for application in marine and other timber construction. It is especially designed for a unique concept – surface penetration and saturation of a substrate to create a strong impermeable layer fully sealed against water, dirt, and chemical ingress. It has been developed over many years of testing, in real boats, under real sea-going conditions.

The technology of wood-epoxy composites has been developed to the point where timber is employed as a fibrous structure in combination with a properly formulated epoxy resin such as **BOTE-COTE** to form a composite engineering material. Application of **BOTE-COTE** to all surfaces on a boat produces an epoxy-wood sandwich, sealing the moisture content of the wood at the level it was at the time of construction – usually around 12% in a normal dry environment. This epoxy coated surface is nearly impermeable to water vapour, remains tough and elastic, and has superior bonding capabilities. In addition, **BOTE-COTE** functions as a fully compatible fibreglass or other fabric laminating resin, as a structural adhesive, and as a fairing compound, in combination with appropriate fortifying and filling compounds.

Such an engineering material is strong and stable, and most importantly no longer suffers deterioration due to rot. Rot is caused by fungous organisms feeding on the wood in the presence of water and oxygen. Sealing the surface with impervious **BOTE-COTE** prevents entry of these components necessary for rot to develop.

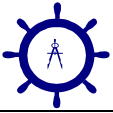
BOTE-COTE contains no volatile solvents or harmful chemicals, and is one of the safest epoxies on the market. There is no loss of material nor pin holes resulting from evaporation, and no solvent vapours. **BOTE-COTE** is easily applied by paint roller or brush to any properly prepared surface.

As a two component material, the **BOTE-COTE** epoxy system consists of a resin and a reactive hardener. Several hardeners are available to provide a range of reactivities to suit it for different climatic conditions. Properly formulated fillers for making glues or fairing compounds are an integral part of the system. **BOTE-COTE** is also available as a pre-thickened two part glue.

Manufactured by: BoatCraft Pacific Pty. Ltd. Proudly Distributed by: DRIVE Marine Services

For a Comprehensive Range of Boat Building requirements including

Bote Cote 2:1 Epoxy Resin, Fillers, **Pour-on-Gloss** Decoupage Coating, **COP-R-BOTE** Epoxy Antifouling, **AQUACOTE** Polyurethane Coatings, **PURBOND** Waterproof Single Pack Glue, **TREDGRIP** Rubberised non-slip Paint, **Fibreglass** & Carbon Reinforcing Fabrics, **FERONITE** Rust converter and Primer, Marine, Proof & Aircraft **Plywoods**, **NIDAPLAST** Composites, **Silicon Bronze** Fasteners
BEVERLY HILLS NSW 2209 **DAVEY** Traditional Bronze & Marine Fittings
Ph. (O)02 9533 5470 Email- Bote.Cote@optusnet.com.au www.boatcraftnsw.com.au



BOTE-COTE ® PHYSICAL PROPERTIES

		Bote-cote Epoxy Resin	Bote-Cote Epoxy Glue	Bote-Cote CF Resin
Tensile strength	Mpa	55	48	65
Tensile elongation	%	6-8	6-8	2-4
Tensile modulus	Mpa	2.6	2.6	3.3
Flexural strength	Mpa	76	76	85
Flexural modulus	Mpa	2.4	2.76	3.7
Compressive strength				
@ yield	Mpa	90	90	95
@ failure	Mpa	180	193	200
Hardness	Shore D	80	75	80
HDT				
RT cured	Deg C	53-55	50-55	53-55
80°C postcure		75-80	75-80	75-80

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