



RINA

NSW SECTION



IMarEST

**ACT & NSW
BRANCH**

RINA/IMarEST Technical Presentation

Modern Technology Resins, Coatings and Glues

Presenter	Dave Giddings Business Manager Drive Marine Services and BoatCraft NSW
Date	Wednesday 1 June 2022
Time	6:30 pm AEST
Meeting	This presentation will be held as a video-conference webinar using the Zoom software platform hosted by RINA. Registration for the presentation <i>not</i> required (see below).

Modern epoxy and polyurethane coatings and adhesives based on modern technology have come a long way since they were first developed for use in the construction and maintenance of wooden and composite boats. However, many have suffered from risks associated with allergic reactions in, and sensitisation preventing further use by, the people applying them.

The Australian Bote-Cote epoxy and Aquacote Polyurethane products from Boatcraft Pacific were developed three decades ago in response to a need in the boating industry for a range of resins, glues and finishes which could cope with our harsh Australian climate and sea conditions, while also being safer and easier to use.

Bote-Cote epoxy resin works well on polyester fibreglass boats, adheres tenaciously to sanded polyester, does not shrink (which polyester does), and is not prone to adhesion failure in shock or continual stress loadings. It was developed to handle the flexing of plywood.

Aquacote is a two-pack water-based polyurethane which lasts well outdoors and safely indoors. It is available in clear and a range of colours. Aqua-cote is hard to sand but that's the trade-off in having a hard-wearing surface. There is no waste as cross linked Aquacote can be returned to the container and saved for future use.

EPOX-E-glue is a two-pack thixotropic gap-filling glue. It adheres tenaciously to all substrates except poly plastics and is ideal for the ultimate bond when things are hard to clamp tightly.

Feronite Rusty Metal Primer is ideal for repairing rusted surfaces in the marine environment and converts, seals and primes rusty metal until a permanent refurbishment is available.

This presentation will outline these modern technology epoxies, coatings and glues, and discuss their applications and the safety issues involved with their use.

Connection Join via the Zoom link

<https://us06web.zoom.us/j/84242035628>

Meeting ID 842 4203 5628

Passcode 139364

We look forward to you joining the presentation.