

Nautical Contracting – revolutionising teak deck manufacture through technology

The use of Proliner digital technology has seen Auckland based superyacht decking specialist Nautical Contracting take a leap forward in teak deck design and manufacture, reducing material wastage and increasing efficiency.

The Proliner allows exact digital measurements of even the most complicated deck area, which is then translated directly into a CAD file accurate to within half a millimetre. The file containing all the details required for deck manufacture, is then emailed to the factory, all within a matter of hours.

Previously, the company would have taken manual measurements and produced Mylar or plywood templates over a period of two to three days. The new process has significantly reduced labour costs in the measurement phase. Furthermore, comparing teak lay-up

options and preparing accurate quotes is more straightforward.

Working from the CAD file, deck panels are manufactured from Burmese teak, which Nautical Contracting quarter-saws on-site to each client's specification. This gives more control over the quality and consistency of the teak used. Nautical Contracting ships deck panels to the vessel, where they are met by the installation team and vacuum-sealed into place – a fast, efficient, installation process.

Aside from the labour and time saving benefits, the Proliner has also reduced material wastage. Not only have templates been eliminated, but teak wasted due to manufacturing errors has also been minimised. As teak is a scarce resource, this is good news for the environment.

Nautical Contracting designs, manufactures and installs teak decks on super yachts around the globe. Managing Director, Adrian Brothers, and his team of New Zealand boat builders have a wealth of knowledge and experience built up over more than 10 years in teak deck specialisation.

Forming long-term relationships with their clients, the team also offers a nautical labour service. "Once we've installed a deck, the crews trust our workmanship and problem solving ability," says Adrian. He explains the team often stays on to complete lazarette fit-outs, shelving and other finishing details. Nautical Contracting also offer annual teak deck maintenance programmes and refits for its clients.

Nautical Contracting:
www.teakdecks.co.nz

