

Technical Overview

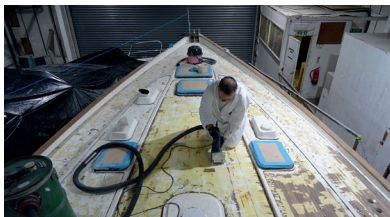
Replacement of Teak Decks

There is a great deal of misinformation within our industry with regard to teak decks and especially their method of installation and longevity. Modern materials and deck fabrication processes now allow for well equipped boat yards with specialist tools and skillsets to install teak decks that will last longer than the decks installed when the yacht was originally built.



Fox's Marina & Boatyard is recognised as a one of the most professional centres for the replacement of teak decks aboard all types of vessel. The Fox's team has laid teak aboard traditionally built motor launches such as *MV Havengore* (built in 1954) and at the other end of the spectrum have re-decked modern production sailing yachts. Our experience of traditional wooden construction alongside modern production materials and technologies allows us to make the very best decisions with regard to the methods for repair and replacement of these fabulous looking decks.

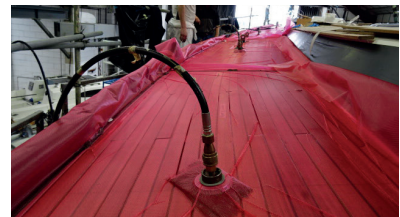
Modern processes and experience have allowed for a much better understanding of the material properties and installation methods required to provide long lasting timber decks. Decks are no longer secured with screws which provided the ideal path for moisture and the added complexity of timber plugs to hide the screws. The development of advanced epoxy adhesives provides durable bonds between teak deck planks and the deck of the yacht. These materials will outlast the life of the boat.



GRP sub deck preparation



New teak panel fitting



New teak panels under vacuum

Replacement teak decks are now made more efficiently and with a greater degree of accuracy by making deck panels of teak planks to templates taken directly from the deck of the boat. These large panels are made flat and with the epoxy and fibreglass backing which provides the perfect qualities to allow for deck panels to be bonded to the boat using modern and long-lasting adhesives. By making decks to the templates before gluing to the boat, the need for laying each plank individually is negated and decks can be made quickly in the workshop with the caulking between planks applied before bonding to the boat. The use of vacuum pressure to provide even compression of the panel during gluing process means the deck is laid flat and requires very little final finishing.

The result is a teak deck that is laid without screws and timber plugs and is glued to the perfectly flat deck with materials that will last for many years to come. For further technical information about the process don't hesitate to get in touch with our technical team. Email foxs@foxsmarina.com or call +44 (0)1473 689 111.