

DRAGONKRAFT

THE BIO-RESIN SPECIALISTS

APPLICATION STORY

Bio-Resin Bath Tub Success

In the early days of Dragonkraft SARL, we worked with a maritime training institute in Cannes, France to support an apprenticeship training programme. One project for the budding apprentices was the creation of a custom bath tub for use in a yacht using bio-resins.

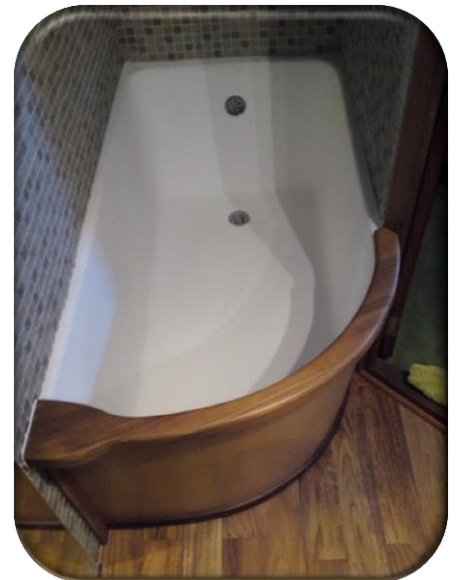
A disposable male mould was created out of plaster and wood, which was treated with gelcoat and mould release. A layer of unwaxed polyester gelcoat was then applied and layers of mat and roving were built up using Dragonkraft UV cured resin.

This was the first time, bio-resin had been used as a replacement for traditional polyester resins with brilliant results. The apprentices were surprised by the lack of fumes generated using the new bio-resin product. The project demonstrated that the system was a strong contender to traditional resins, producing a high strength flexible cured resin with a non-brittle finish without hazardous fumes. It was also much safer for the students to handle.

When compared to traditional resins it showed equivalent resistance to a number of common chemicals. The bio-resin cured under UV light within 15-30 minutes in natural daylight. Because of the UV cure they were able to refine their techniques for working with polyester resins reinforced with fiberglass.

The superb installation of the bath tub was carried out by our good friend John Smith at Woodsmith. This project illustrated that not only do bio-resins help manufacturers to address tightening environmental regulations but they also reduce the consumption of finite petrochemical resources.

To learn more about team on 0161 785 1313 or e-mail contact@dragonkraft.com



Creation of a bath tub using eco-friendly bio-resin

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