

GOLD COAST YACHTS EPOXY CURING DILLEMA

WITH POWERBLANKET

ANY BUSINESS THAT DEALS WITH EPOXY CURING KNOWS HOW TIME-CONSUMING AND EXPENSIVE THE PROCESS CAN BE. CURING EPOXY RESINS WITH POWERBLANKET IS EASY AND EFFICIENT.



USING OVENS

In June of 2014, Gold Coast Yachts, manufacturer of high-end, carbon-fiber watercrafts, President, Richard A. Difede, grew increasingly concerned about the cost and time it took for their post-curing of large carbon-fiber joints on the yachts the company produced. The epoxy joints needed to cure at 145° F for an extended period of time, and the procedure Gold Coast used took too much time and money.

Gold Coast had to architect, build, and utilize large custom ovens for each section of yacht frame that needed high-temperature exposure. In other



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POWERBLANKET REP

words, they were building a large shed around each and every frame. Workers used two-by-fours and sheet rock in order to create a sealed unit that could be pumped with heat. The process took a good deal of time and manpower, not to mention the extra costs for equipment.

Building the makeshift oven was only half the battle. Once the unit was completed, someone had to man the oven for the duration of the cure to regulate the temperature. They could not allow the temperature to fall below 145° F or climb too high above it, or the process would be compromised and take even longer to complete.

POWERBLANKET PROVIDES THE MOST INNOVATIVE HEATING SOLUTIONS ON THE MARKET, DELIVERING SAFE UNIFORM HEAT.



Even while pumping the constructed oven with ample heat, they were still having trouble penetrating through all the layers of carbon fiber. If the right amount of heat didn't penetrate through all layers, the cure wouldn't set completely. This long, costly, and inefficient process began to eat into the company's valuable time.

FINDING POWERBLANKET

"When Richard contacted us, it was obvious that he needed something far less-expensive and time consuming than his present method," the Powerblanket sales rep said. "I discussed with him the details of our epoxy-curing blankets, and he was excited to try them out. What started with a two-foot-by-two-foot test blanket quickly snowballed into many more orders."

Difede and his team soon found that the Powerblanket curing solution worked exceptionally well and eliminated the need for the pre-built ovens they had spent so much time building. With a thermostatic controller

on each blanket, they could dial in the proper temperature and not worry about watching to make sure it stayed there. And with the Powerblanket patented technology, the right amount of heat distributed evenly through the entire application, increasing the speed of the cure by leaps and bounds.

After trying out the small demo blanket, Difede and his team purchased several additional blankets in multiple sizes. It wasn't long before they decided to take it one step further. After learning about Powerblanket custom heating solutions and the ability to manufacture custom blankets for just about any application, Difede purchased several custom-sized blankets for current and future projects.

NEED AN EPOXY CURING SOLUTION?

PHONE: 888.316.6324
FAX: 866.245.9483
EMAIL: INFO@POWERBLANKET.COM
3130 SOUTH 1030 WEST, SUITE 1
SALT LAKE CITY, UT 84119

WWW.POWERBLANKET.COM