Princess Yachts R35

Princess Yachts have launched their latest yacht, the stylish and sporty R35. Built completely in carbon fibre using Gurit’s SPRINT™ materials and featuring twin V8 engines this 35ft yacht is capable of an exhilarating 50 knots.

The R35 was Princess Yacht’s first time using prepreg technology and with thanks to the ease of processing Gurit SPRINT™ materials the construction was a complete success. The construction also utilized Gurit’s SF 96 Surface Film above the waterline for an out of mould pinhole free finish and SF 80 below the waterline for increased water resistance and a surface that requires minimal finishing prior to painting. Providing the yacht with additional strength is SPRINT™ carbon laminates using ST 94 resin system alongside SE 84 prepreg and various densities of Corecell™ M Foam.

For more information on this project and how Gurit’s materials were used click here.
Honda Marine Thailand (NPSK Marine), one of Thailand’s leading domestic powerboat suppliers have looked to modernise the design and manufacture of their small, high speed powerboats produced for the Thai hotel market.

In achieving a more modern design, Honda Marine Thailand worked collaboratively with the engineering team at Gurit to successfully transition from hand laminated, solid E-glass construction to an infused, cored boat. This change significantly increased the strength of the structure to meet with DNV-GL requirements, as well as providing an estimated 25-30% saving in weight over the original design.

Felci 65

Recently launched at Persico Marine is the stunning Felci 65. This 65ft is a unique design by Felci Yacht Design that is equally at home competing in long distance offshore races or as a comfortable and relaxing bluewater cruiser.

As a dual purpose yacht the vessel had to offer both performance and comfort. Persico Marine used PRIME™ 27 epoxy infusion resin with Corecell™ M foam for its high performance and ability to absorb any slamming encountered during off shore races. SE 84LV prepreg was also used in the bowsprits and rudderstocks to minimise weight.

For more information and to see some renderings of the yacht, click here.

SAY29E

SAY have recently launched their new electric motorboat, the impressive SAY29E. The boat has taken out the record as the world’s fastest electric boat and boasts an impressive top speed of 48 knots.

When it came to designing and building a fast electric boat minimising weight is integral to the success. The SAY29E’s hull features a pure carbon construction utilizing Gurit Corecell™ M foam sandwich panels and Spabond™ 345. The composite structure has been further optimized by Gurit engineers and weighs as little as 400kg.

To read more about the project, click here.
Eagle Class 53

**Fast Forward Composites** launched the new Eagle Class 53 catamaran from Bristol, RI, USA on 14 November 2018.

The Eagle is now in the Bahamas for trials, and features Gurit composite materials throughout, sporting a rotating carbon fiber hybrid wing, prepreg carbon daggerboard C foils, and a prepreg carbon T rudder which will allow her to navigate at top speeds in comfort. Gurit is proud to have been a part of this exciting project.

Gurit® Kerdyn™ Green

**Grady-White** Boats have successfully adopted Gurit’s new range of PET foam, Gurit® Kerdyn™ Green into many of their new powerboats.

The Kerdyn™ Green provides Grady-White Boats with a cost effective structural foam that is suitable to a wide range of applications. Being produced from up to 100% recycled materials, it is an excellent environmentally friendly alternative to traditional PET foam.

For more information on the Kerdyn™ Green range, click here.

Gurit was proud to once again sponsor Foiling Week™ where top sailors, designers and builders come together to discuss and advance all things foiling.

Earlier this month Woollahra Sailing Club in Sydney started the 2019 season where Gurit hosted the Foiling Week™ Forum. The forum enables participants to share knowledge, experiences and ideas to further the development of foiling, with a core focus on sustainability.

For more information on the event, click here.
Recent Project Launches

For an overview of recent marine projects which we have been pleased to support with composite engineering, composite materials or both, please click here...

...and currently on our Engineering Team's desks:

- New “HUGO BOSS” IMOCA60 for Alex Thomson designed by VPLP and built at Carrington Boats
- 100’ high performance cruiser designed by Reichel/Pugh, Nauta and built at Southern Wind Ship Yard
- Performance Foiling Catamaran designed by VPLP and built by Magma Composites
- Oceanwings Wing Sail designed by VPLP
- New IMOCA60, “DMG60” for skipper Kojiro Shiraishi, designed by VPLP and built by Multiplast in Vannes, FR
- Baltic 146 Blue Water Cruiser, designed by Judel/Vrolijk & co and built by Baltic Yachts