

# MARINE NEWSLETTER

April 2024

## CONTENTS

McConaghy Chase Zero power yachts · Baltic Yachts' Baltic 68 Café Racer · Pacific Pearl - for long range cruising · Recycled PET panels for pontoon boats · Horizon Yachts Open House 2024 · Gurit publishes its latest Sustainability Report · Events wrap-up · Contacts

## McConaghy Chase Zero power yachts – Boat #1

The McConaghy Boats team is on schedule with the production of the 13m emission-free Chase Zero power yachts. These high-speed (top speed 50 knots), hydrogen-powered foiling yachts have been styled for the VIPs of the 37th Americas Cup regatta, offering a luxurious interior cabin, high-speed transfers, race support and race spectating with exceptional visibility. With customized layouts available, Chase Zero can easily be adapted into a fast luxury day boat for remote excursions.

Constructed in full carbon prepreg, Nomex™ and Corecell™ structural foam, the 13m boat has a weight

of 5,400kg, a draft of 2.2m, and a 4.5m beam. The two Toyota Hydrogen fuel cells are housed within the hulls, each delivering 80kW of power. Developed in conjunction with Emirates Team New Zealand, boat #1 entered the commissioning phase in late March with boat #2 due to start in April.

For further details on specification and performance visit <https://mcconaghyboats.com/yachts/chase-zero/>



Chase Boat #1- moved out of the shed



High tech design, Gurit Engineering



## Baltic Yachts announces the sale of its fourth Baltic 68 Café Racer

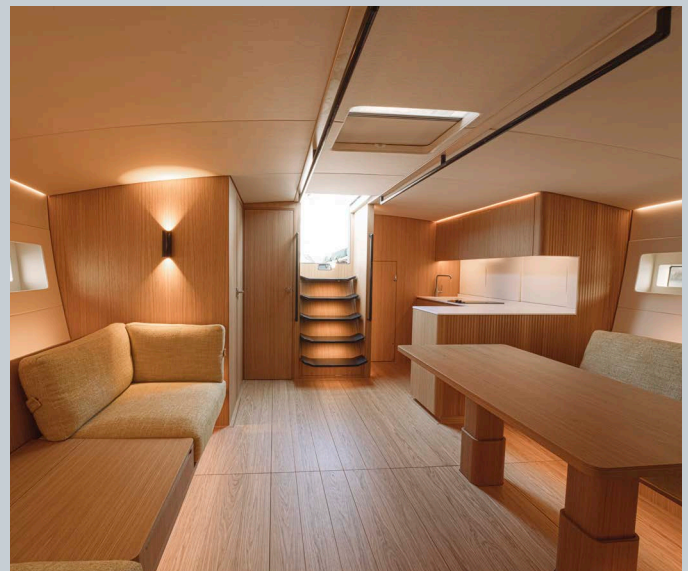
Photo credit: Baltic Yachts

Baltic has announced it will deliver its fourth Café Racer made with Gurit materials in early 2025. These swift day sailers, designed by Javier Jaudenes, began with the launch of Pink Gin Verde in 2021, which prototyped sustainable materials such as flax fiber for hull and deck reinforcement and an electric propulsion system.

The second Baltic 68 Café Racer, Open Season, launched in 2023 and was geared towards performance, with an all-carbon construction. Both Open Season and Pink Gin Verde have been sailing in the Mediterranean since their launch

and will be joined by hull number 3 later this year. Another advanced carbon composite build, hull 3 also features Gurit materials throughout.

The owner of hull number 4 has opted for more traditional systems, seeking a fun day boat which is easy for the family to enjoy, and we look forward to seeing her on the water next year. Gurit is proud to continue its long-standing relationship with Baltic, and to have provided advanced materials to these exceptional builds.





## Pacific Pearl - for long range cruising

The custom-designed Pacific Pearl, a 50ft offshore powercat with a 4000 liter fuel capacity, is set to take her owners long range cruising to the most remote destinations off the coast of Australia.

A Peter Brady design, she was built over 14 months by Mahi Boats, who specialize in building offshore vessels out of the Gold Coast City Marina and Shipyard in Queensland, Australia.

For this build, Mahi Boats chose Gurit's proven structural core materials and range of consumables. Gurit Corecell™ M foam was utilized in the hull construction, ensuring high impact resistance and outstanding slamming performance. Gurit Kerdyn™ PET core was used for the deck, bulk heads, superstructure and internal components, bonded using Spabond™ 540 and secondary bonded with Ampreg™ 31.

”

GURIT SUPPLIED THE COMPLETE COMPOSITE MATERIALS PACKAGE DIRECT FROM THEIR LOCAL QUEENSLAND WAREHOUSE. THEIR ON-TIME DELIVERY AND HIGH QUALITY PRODUCTS MEANT MY TEAM WAS ABLE TO MEET OUR CONSTRUCTION SCHEDULE AND DELIVER EXCELLENCE TO OUR CLIENT.

Daniel Williams, Owner, Mahi Boats

”



Photos: Hybrid Composites Australia

## Recycled PET panels for pontoon boats

Using recycled Kerdyn™ PET panels instead of wood helps to decrease weight and reduce the maintenance needs of your boat.

Gurit Kerdyn™ PET panel solutions offer exceptional durability, insulation, and compressive strength performance, while contributing to a more sustainable future for the marine industry.

- Measurable reduction in the total weight and therefore a reduction in the overall carbon footprint of the vessel
- Superior mechanical performance
- Prevention of water absorption
- Sustainable panel solution
- Ease of machining to desired shape
- Variety of thicknesses, densities, and sheet sizes to suit the application



<https://www.gurit.com/boat-decks-and-cabinetry/>

## Gurit Formulated Series

**Gurit**



# EXTENDED SHELF LIFE



The shelf life of our epoxy formulated products Ampreg™ 30, Ampreg™ 31, PRIME™ 37 and Ampreg™ 3X hardener has now been extended to three years.

Find out more about our formulated series: [www.gurit.com/epoxy](http://www.gurit.com/epoxy)

# Horizon Yachts Open House 2024

Horizon Yachts held their biennial Open House at their facilities in Taiwan in early March.

The grand event sees Horizon owners, clients, partners, international media, and family and friends from around the world gathering to celebrate Horizon's latest achievements while learning more about the brand's strengths and capabilities as a luxury yacht builder.

Over the course of 3 days, guests enjoyed entertainment, celebrations and personal tours through the Horizon Yacht factory allowing for in-depth discussions and understanding of production processes and sneak previews of the latest yacht models, the FD90 Skyline, FD80 Skyline Hull 12, FD80 Skyline Hull 14 and V77 Skylounge.

Gurit is proud to be long term partner of Horizon Yachts and Atech Composites (part of Horizon Group).



For more information visit:  
<https://www.horizonyacht.com/>

## Gurit publishes its latest Sustainability Report

Download Gurit's Sustainability Report 2023 by **scanning the QR code** or visiting the website at:  
[www.gurit.com/sustainability-report](http://www.gurit.com/sustainability-report)

### Highlights include:

- 33% reduction of waste sent to landfill since 2020
- 22% reduction in scope 1 greenhouse gas emissions since 2020

Review more of our highlights here: [www.gurit.com/sustainability](http://www.gurit.com/sustainability)



## Events wrap-up

### Gurit at the High Performance Yacht Design Conference - HPYD8 in Auckland

The High Performance Yacht Design Conference HPYD8 was held on 21st and 22nd March, organised by the Royal Institution of Naval Architects (RINA) NZ and the University of Auckland.

The conference was available both in person and online and brought together the leading minds in the industry to share knowledge and their expertise on the latest technologies in high performance yachting.

“It was great to see the enthusiasm of the New Zealand marine industry over the two-day conference devoted to high performance boat design. I was pleased to have the opportunity to share our involvement with IMOCA offshore race boats during the public session,” said Gurit Design Engineer Yoan Stephant.

Yoan discussed the recent development in the design and engineering of the latest generation boat, where a strong focus was put on structural reliability under increased loads, implementation of new systems and use of data acquisition as an element of performance.



Yoan Stephant

### JEC World

Gurit recently participated in the JEC World show in Paris, from 5th - 7th March. JEC is the largest composites show in the world, and Gurit exhibits included our offerings for the marine industry, including structural core, formulated materials, and prepregs.

A hull section was on display showing some of the products available to customers for their marine solutions.



### Upcoming marine events 2024

Gurit will be involved in / attending the following marine events during the year:

- Sanctuary Cove Boat Show, Australia's Gold Coast, May 23-26
- America's Cup Regatta, Spain, August 22 - October 20
- IBEX Show, Tampa FL USA, October 1-3
- METSTRADE, Amsterdam, November 19-21

SANCTUARY COVE  
INTERNATIONAL  
**BOAT SHOW**  
23-26 MAY 2024  
AUSTRALIA'S GOLD COAST

**METS  
TRADE** MARINE  
EQUIPMENT  
TRADE  
SHOW

**IBEX**

# Gurit Marine regional contacts

## Customer Support

	Tel	E-mail
<b>Asia / Pacific</b>		
Composite Materials	+64 9 415 6262 +61 7 3807 3118	nzcustomerservice@gurit.com info-au@gurit.com
Composite Engineering	+64 9 415 6262	nz.engineering@gurit.com
<b>Europe, Middle East &amp; Africa</b>		
Composite Materials	+44 1983 828000	customer.support@gurit.com
Composite Engineering (UK)	+44 2380 458 446	engineering@gurit.com
Composite Engineering (France)	+33 4 22 46 13 57	info-fr@gurit.com
<b>Americas</b>		
Composite Materials	+1 401 396 5008	jean-pierre.moulligne@gurit.com
<a href="http://www.gurit.com/contact">www.gurit.com/contact</a>		



Follow us:    

© 2024 Gurit

Gurit Services AG, Thurgauerstrasse 54, 8050 Zurich, Switzerland

[marcom@gurit.com](mailto:marcom@gurit.com)

[www.gurit.com](http://www.gurit.com)