

HARNESSING THE BENEFITS OF MODULAR SOLUTIONS WITH

Suretank's Martin Winters and Andrew Casey

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Martin Winters, Managing Director, of Suretank, and Andrew Casey, Business Development Manager for Suretank's Modular Division, outline why off-site manufactured modular solutions are an ideal choice for companies seeking faster, safer, and more sustainable project delivery.



Martin Winters



Andrew Casey

Q. Tell me a little bit about Suretank and the role your organisation plays within the industry.

Martin: Suretank are a team of innovators dedicated to design, engineering, and delivery of premium certified modular and tank solutions, serving the marine, energy, industry, and infrastructure sectors. What started in 1995 as a small workshop in Co. Louth has grown into an international business with state-of-the-art facilities across Ireland, UK, Europe, the US, and beyond. Our team of 300 talented employees prides itself on delivering tailored, high-quality solutions that help our partners thrive in their respective industries.

Andrew: Since 2016, we've seen an increasing demand for our off-site manufactured modular solutions which are used to house power, data, communication and fuel delivery

equipment. The dedicated modular fit-out facilities in Co. Louth streamlines production, allowing us to deliver our fully fit-out electrical and mechanical modular units in just 10 weeks from design approval.

Q. Modular solutions are an alternative approach to traditional, on-site manufacturing. How do they compare?

Martin: As modular solutions are prefabricated in a controlled factory setting, they can be built faster than traditional methods. This also allows for higher precision of our products, ensuring consistent quality and reduced waste.

Andrew: The flexible design of our modular units also allows for ease of expansion or relocation, something you don't get with traditional manufacturing methods. As a result, they deliver better value for money,

as the solutions can be reused to suit our customer's needs. Labour costs are reduced since fewer personnel are required to manufacture the modular units and on-site errors are minimised because the units arrive fully assembled and are installed by our team of trained engineers and electricians in a controlled factory environment.

Q. Are modulars more sustainable or environmentally friendly?

Martin: Modular solutions are very environmentally friendly by nature. Because they are manufactured in a controlled setting to exact specifications, we only use the necessary materials, allowing us to significantly minimise waste. At Suretank, more than 85% of our production offcuts are reduced, reused or recycled thanks to standardised components such as wall panels and floor sections. ▶



Andrew: Our factories are also designed for optimised energy usage so that we can keep a close eye on our consumption and cut emissions when needed. All material handling equipment is electrically powered compared to diesel alternatives on site.

Q. *One of the key challenges in manufacturing modular solutions is safety and ensuring compliance with local regulations. How do you approach this?*

Martin: At Suretank, all of our solutions are designed with safety at their core by shifting most of the building process to a controlled factory environment. We employ the same proven Quality Management System procedures across all Suretank global locations to ensure our products are in line with both customer requirements and local regulations.

Andrew: It's also worth noting that all of our modular solutions are built to EN1090 standards and are CE certified. Because they're manufactured offsite in a controlled environment, modular units help to minimise on-site risks that often come with traditional on-site manufacturing, creating a safer work environment.

Q. *How do you see the demand for modular solutions evolving over the next 5–10 years?*

Martin: At the moment, we're seeing a growing demand for modular solutions. More and more companies are recognising the benefits of offsite manufacturing, including speed of delivery, flexibility, and the safety it offers. I believe these clear advantages will continue to drive adoption across industries for years to come.

Andrew: As companies become increasingly environmentally conscious, off-site manufactured modular solutions are seen as an attractive option. They help minimise the environmental impact of construction and play a key role in making our future more sustainable. As Martin mentioned, demand is continuing to rise and I truly believe that over the next 5-10 years, off-site manufacturing will become an inherent part of the construction landscape across all industries and Suretank will be at the forefront, setting the standard for innovation and excellence.

