

Press Release

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Elesa introduces a SUPER-technopolymer solution for marine environments

Levelling feet designed to ensure corrosion resistance, durability and reduced maintenance in outdoor applications

With the growing diffusion of outdoor applications and installations located near coastal areas, **corrosion resistance** has become an increasingly central issue in industrial design. **Constant humidity, salt spray and aggressive atmospheric agents** put even traditionally high-performance materials to the test, affecting structural integrity, **durability, maintenance requirements and product aesthetics**.

Elesa, a leading company in the design and manufacture of standard components for industrial machinery, has developed a solution specifically conceived to address the challenges of marine environments: levelling feet manufactured entirely from **SUPER-technopolymer**, an advanced material engineered to deliver high performance even under the most extreme conditions.



The **SUPER-technopolymer**, reinforced with **glass and aramid fibres**, stands out for its **high mechanical and chemical resistance, complete immunity to corrosion and long-term durability**. These characteristics make it particularly suitable for coastal and marine applications, where continuous exposure to weathering accelerates material degradation, increasing maintenance costs and replacement frequency.

An economic and operational advantage

The material's low weight, combined with corrosion resistance, a **non-porous surface** and **ease of cleaning**, helps to improve operational efficiency and significantly reduce maintenance interventions throughout the product's entire life cycle.

SUPER-technopolymer is also capable of operating across a wide temperature range, withstanding thermal shock and retaining its mechanical properties even at elevated temperatures. In addition, it requires less energy-intensive manufacturing processes and offers a lower overall environmental impact, without compromising performance, reliability or aesthetics. This approach enables companies to combine long-term durability with cost optimisation.

With this solution, Elesa further strengthens its role as a technological partner for designers and manufacturers facing increasingly complex application environments, where material selection becomes a strategic factor from the very earliest stages of the design process.

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