



## Press Release

**\*\*Teijin Automotive Technologies and Aeronautical Service S.r.l. sign strategic alliance to bring next-generation fireproof composite materials to market\*\***

Lisbon / Rome, September 10, 2025 — Teijin Automotive Technologies, a European subsidiary of Teijin Ltd., a Japanese global leader in advanced composite solutions, and Aeronautical Service S.r.l., an Italian technology company specialized in innovative ceramic composite materials, have entered into a strategic alliance aimed at accelerating the industrialization of high-temperature resistant components based on proprietary ceramic matrix composite (CMC) technologies.

Under the agreement, Teijin Automotive Technologies has acquired, for its European facilities exclusive production rights in the automotive sector and extended production rights in the marine, aerospace, and industrial sectors. Aeronautical Service (AS), licensing its proprietary technology “FireAlt”, will provide high-temperature resistant, fireproof, and lightweight material formulation.

This collaboration represents a strategic milestone for both companies and aims to:

- Industrialize and standardize the production processes for ceramic matrix composites;
- Scale production to meet international demand from European facilities;
- Jointly develop functional applications;
- Jointly promote the resulting solutions to global institutional and industrial customers.

The use of FireAlt makes a major step forward in enabling energy-efficient, corrosion-free and structurally robust solutions across a wide range of industries. Traditional composite materials, while offering significant weight and performance advantages, have been limited by their fire resistance. With this new generation of high-temperature ceramic matrix composites, it is now possible to design and manufacture structural components, that combine the benefits of lightweight composites with full fire-protection. It opens the door to new applications in transportation, infrastructure and beyond.

The materials at the center of the agreement meet the most stringent international standards (including ISO 2685, EN45545 HL3, A60, and IMO non combustibility certifications), offering exceptional resistance to temperatures up to 2000°C with no smoke or toxic emissions. Combining the innovative ceramic formulations with Teijin Automotive

Technologies wide range of industrial production solutions for composite parts, allows the cost effective, high volume production of fireproof components.

“We are proud to partner with Aeronautical Service to bring their groundbreaking technology into serial production,” said Uwe Brinkmann, General Manager of Teijin Automotive Technologies Europe. “This alliance reinforces our commitment to innovation and sustainability in the materials science space, while expanding our capacity to serve all industries.”

“This agreement validates years of research and development,” said Kris Bordignon, CEO of Aeronautical Service. “Teijin's industrial strength and global reach are the ideal match for our licensing model and deep technological expertise. Together, we will reshape the future of fireproof composite applications.”

[\*\*Teijin\*\*](#) (TSE: 3401) is a technology-driven global group with two core businesses: high-performance materials and healthcare solutions. Established in 1918 as Japan's first rayon manufacturer, Teijin today comprises some 150 companies employing 20,000 people in 20 countries. Teijin is committed to its Purpose, “Pioneering solutions together for a healthy planet.” Teijin works together with employees and external partners to achieve its Long-Term Vision, “To be a company that supports the society of the future.” Teijin posted consolidated revenue of JPY 1,005.5 billion and total assets of JPY 1,061.3 billion in the fiscal year ending March 31, 2025.

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