

Press Information

Back at ceramitec: Kyocera emphasises the strategic importance of technical ceramics for modern industries

Kyoto/Esslingen, 05th March 2026. KYOCERA Fineceramics Europe GmbH will be participating at ceramitec trade fair taking place in Munich, Germany from March 23 to 26. This marks the company's return as an exhibitor at the leading international trade fair for the ceramics industry. The company intends to use the platform to showcase its expertise in the field of high-performance ceramics, including the manufacture of silicon-infiltrated silicon carbide (SiSiC) and 3D printing of SiSiC components.

SiSiC as an essential part of high-performance industrial components

Particular emphasis is placed on [silicon-infiltrated silicon carbide \(SiSiC\)](#), which has established itself as a versatile high-performance material. SiSiC is characterised by its outstanding mechanical strength, high rigidity, thermal stability and wear resistance. Due to its very low thermal expansion, the material is particularly suitable for applications with the highest precision requirements, such as in aerospace, semiconductor manufacturing or industrial production processes.

Kyocera's proprietary bonding and manufacturing technology enables the production of complex, gas- and water-tight components with fine structures measuring less than a millimetre, as well as large-format, monolithic components.



Silicon-infiltrated silicon carbide: example of complex geometries using additive manufacturing

Additive manufacturing opens up new design opportunities

In addition to conventional moulding processes, Kyocera is increasingly turning to additive manufacturing. [3D printing](#) of SiSiC components opens up a high degree of design freedom and enables topology-optimised designs with significant weight reduction. This also allows complex geometries to be realised where conventional processes reach their limits.

The dual-stage manufacturing process – consisting of binder jetting to produce a green body from silicon carbide powder and polymer binders, followed by silicon infiltration – results in high-precision, durable components that are suitable for both prototypes and series production.

Wide range of materials for diverse industries

Kyocera's portfolio serves numerous user industries, including analytical technology, automotive, electronics, renewable energies, industrial applications such as mechanical and plant engineering, the oil and gas industry, the chemical industry, aerospace, medical technology, and security and defence. The company thus covers almost all of the [user industries](#) for high-performance ceramic materials presented at the trade fair.



High-current feedthrough for oil transformer

Kyocera offers over 200 different material combinations, including alumina, zirconia, silicon carbide, silicon nitride, cordierite and sapphire. Thanks to this diversity, a wide range of shaping methods and coating technologies, and many years of expertise in joining technology, the company is able to tailor solutions precisely to specific customer requirements.

Among the industry's 'hidden champions'

As part of the exhibition 'Ceramic components – Hidden Champions in industry and everyday life' in the foyer of the East Entrance, Kyocera is presenting a mirror manufactured using 3D printing for the aerospace industry. The company is thus illustrating the potential of modern manufacturing technologies for high-precision and high-performance ceramic components.



SiSiC mirror

With its renewed participation in ceramitec, Kyocera is underlining its role as an innovation partner for high-performance industrial applications and sending a clear signal about the strategic importance of ceramic materials in a technology-driven future.

About ceramitec 2026

Under the theme 'Ceramics in Focus of Modern Industrial Applications,' [ceramitec](#) will continue to focus on the importance of ceramic materials for forward-looking technologies such as additive manufacturing, Industry 4.0 and sustainability in 2026. In addition to coarse, fine and refractory ceramics and the raw materials sector, technical ceramics and powder metallurgy will also have their own exhibition areas.

Overview: Kyocera at ceramitec 2026

Show	ceramitec 2026
Date	23 rd to 26 th March 2026
Location	Munich, Germany
Kyocera's booth	Hall A5, Booth # 213A

The press material is available for download via the following link:

<https://spgroup.box.com/s/7zo2u4gryz2tv1ihjcz8l0ggm9zaa4>



For more information on Kyocera: www.kyocera-fineceramics.de

About Kyocera

Kyocera has been successful in Europe for over 50 years. From its European headquarters in Esslingen am Neckar, KYOCERA Europe GmbH operates 29 sites including manufacturing facilities, with products ranging from fine ceramics, automotive, semiconductor and optical components to components for medical products, industrial tools, LCDs, touch solutions, industrial printing components, and consumer goods such as kitchen and office products.

Kyocera's high-performance ceramic products are produced and distributed by [KYOCERA Fineceramics Europe GmbH](#), a subsidiary of [KYOCERA Europe GmbH](#). The Kyocera Group is one of the world's leading providers of high-performance ceramic components for the technology industry, offering over 200 different ceramic materials, as well as state-of-the-art technologies and services tailored to the specific needs of each market.

KYOCERA Europe GmbH is a company of the [KYOCERA Corporation](#) headquartered in Kyoto/Japan, a renowned supplier in semiconductor, industrial and automotive components as well as electronic components, printing and multifunction systems, smart energy systems, and communications technology. Kyocera is one of the most experienced technology producers, with more than 65 years of industry expertise. The Kyocera Group comprises 288 subsidiaries (31 March 2025). With around 77,200 employees, Kyocera generated net annual sales of around EUR 12.43 billion in the 2024/2025 fiscal year.

Kyocera is ranked 1,123 on Forbes magazine's 'Global 2000' list for 2025 and ranked as 'The 100 Most Sustainably Managed Companies in the World' according to the Wall Street Journal. For the fourth time Kyocera has received an A ranking on the CDP A List for their performance on climate change. Kyocera has also received a silver rating in the EcoVadis Sustainability Survey and was acknowledged as a 'Top 100 Global Innovator 2026' for the tenth time by Clarivate, being one of the world's leading innovators.

Kyocera also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation – established by Kyocera founder Dr Kazuo Inamori – to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (equivalent to approximately €539,000 per prize category).

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