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## ELANTAS Wins 2026 Mexico Technology Award for Bectron PT 4700 N Conformal Coating Innovation

**St. Louis, MO – October 2026 –** ELANTAS North America announces that its Bectron PT 4700 N Conformal Coating received a 2026 Mexico Technology Award in the Conformal Coating Materials category. The award was presented during a ceremony held before SMTA Guadalajara 2026 on Wednesday, October 7, 2026, in Guadalajara, Jalisco, Mexico.

Bectron PT 4700 N represents a significant advancement in conformal coating technology, combining a solvent-free, light-curing formulation with exceptional protection and manufacturing efficiency. Designed for modern electronics applications, the coating eliminates the need for traditional oven curing while delivering reliable protection against humidity, dust, and environmental stress.

By using broadband UV or LED curing, Bectron PT 4700 N achieves full cure in 5-10 seconds with broadband UV and 10-20 seconds with LED curing compared to conventional solvent-based coatings that may require extended oven curing. This enables faster inline processing, reduces production bottlenecks, and allows manufacturers to increase throughput while minimizing work-in-process.

The elimination of oven curing also delivers significant operational and environmental benefits. By removing solvent emissions and reducing energy-intensive curing processes, Bectron PT 4700 N supports more sustainable manufacturing practices while lowering production costs and reducing required factory footprint. Energy consumption can be reduced by up to 45 times with UV curing and up to 400 times with LED curing compared to conventional oven-based processes.

Engineered for demanding electronics environments, Bectron PT 4700 N provides excellent electrical insulation and maintains reliable performance through extreme temperature cycling, including exposure from -40°C to +125°C for more than 500 cycles. Its strong adhesion, thermal

stability, and environmental resistance make it well suited for high-reliability applications where long-term protection is essential.

“With Bectron PT 4700 N, we are helping manufacturers rethink how conformal coatings are integrated into production,” said Scott Stephan, Director – Electronic Business Line, ELANTAS North America. “By combining rapid light curing, sustainable chemistry, and dependable protection, this technology enables customers to improve efficiency, reduce energy consumption, and meet the increasing demands of next-generation electronics manufacturing. We are honored that the Mexico Technology Awards recognized this innovation.”

The Mexico Technology Awards recognize the most recent technological innovations in Mexico's manufacturing landscape, spotlighting achievements by OEM manufacturing equipment and materials suppliers over the past year. For more information about the awards, please visit www.mexicoems.com/mta-awards.

For more information, visit www.elantas.com/northamerica.

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**About ELANTAS**
ELANTAS, as part of the ALTANA Group, is a leading global supplier of innovative insulation and protection materials. The company has a global footprint in all major regions worldwide and employs more than 2,000 people.

Solutions of ELANTAS significantly support the transformation to electromobility, the expansion of renewable energies, and the development of high-performance data centers for artificial intelligence applications.

The extensive product portfolio includes enamels and tapes for insulating metal wires, as well as materials for the electrical, mechanical, and chemical protection of electrical and electronic components. The range is complemented by solutions for printed electronics and specialized applications in toolmaking. The products are used in key components such as electric motors, generators, transformers, and capacitors, where they contribute to safety, efficiency, and longevity.

The company is headquartered in Wesel, Germany.
www.elantas.com.