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PRODUCT RELEASE



Croatian Tech Synergy: EcoCortec® and Orqa Partner to Revolutionize Protection for Global Drone Shipments!

EcoCortec® has developed a custom-spec, grey version of its recyclable EcoSonic® VpCI®-125 ESD packaging for Orqa, the Osijek-based leader in First Person View (FPV) and Remote Reality (RR) technology. This collaboration marks a significant step for the Croatian tech sector, as two of the country's successful exporters join forces to secure high-end electronics for the global defense and industrial markets. For a company like Orqa, whose drones operate in the most demanding environments on Earth, the



The image captures Orqa's MRM2-10 drone in mid-flight.

packaging is of great importance. During global transit, electronics face two major threats: salt-air corrosion and electrostatic discharge (ESD).

The EcoSonic® VpCI®-125 ESD technology eliminates the need for traditional, outdated methods like silica desiccant bags or greasy anti-static sprays. Instead, the film emits Vapor phase Corrosion Inhibitors (VpCI®s) that saturate the interior of the packaging.

These inhibitors form a molecular-level protective shield that reaches into the smallest crevices of Orqa's complex circuit boards and flight controllers. This invisible layer prevents micro-corrosion before it starts, ensuring that drones are mission-ready the moment they are unboxed.



The 20-Minute Advantage: Speed and Sustainability



One of the most significant advantages of this collaboration is the geographical proximity of the two companies. Located just 20 minutes apart in eastern Croatia, the short distance between EcoCortec's manufacturing plant in Beli Manastir and Orqa's headquarters in Osijek creates a highly efficient, "just-in-time" supply chain. By working with a local supplier, Orqa avoids the high costs and logistical headaches of importing technical materials from abroad. This short distance doesn't just

cut down on transport emissions, it allows for faster response times and immediate delivery. Since EcoSonic® VpCI®-125 ESD bags are fully recyclable, the partnership keeps the supply chain sustainable and waste-free. In an industry where speed is everything, having a partner essentially next door helps to move from production to global shipping without any of the typical international delays.



This level of protection is vital for military and defense projects, where equipment is often stored for long periods or shipped through extreme humidity. Using non-toxic VpCI® bags ensures that sensitive devices like drones do not suffer from failures caused by static or rust. This same reliability is essential for industrial use, such as inspecting offshore oil rigs or power grids, where hardware must stay in perfect condition despite harsh, salty environments.



Orqa unmanned aerial vehicles were officially presented for the first time within the framework of the Croatian Armed Forces' modernization program, at the ceremonial military parade held in Zagreb.

Croatia as a Global Tech Hub



By combining their expertise, these two companies are putting Croatia on the map as a serious provider of high-end technology for the global market. Integrating specialized chemical engineering with world-class aerospace electronics, EcoCortec® and Orqa are proving that Croatia offers sophisticated, end-to-end solutions that can compete at the highest level. This move allows Orqa to maintain a European, sustainable supply chain that meets the strictest international standards for performance and reliability.

“Our collaboration with our fellow Croatian neighbors shows that companies don't have to look outside our borders for world-class innovation,” says EcoCortec’s CEO Boris Miksic. “By keeping things local, we ensure the supply chain stays reliable and eco-friendly, meeting the same strict international standards as the world’s top tech firms.”

About EcoCortec®



EcoCortec® is one of Europe’s most advanced manufacturers of environmentally friendly packaging, specializing in Vapor phase Corrosion Inhibitor (VpCI®) technology. Based in Beli Manastir, Croatia, the plant operates under the principles of a circular economy by producing a wide range of recyclable and compostable films and bags that protect metals from rust and corrosion. As a key part of the global Cortec® Corporation, EcoCortec® combines green chemical engineering with high-performance standards to provide sustainable protection for the world's leading automotive, aerospace, and electronic industries.

About Orqa



Orqa is Europe’s leading drone technology company, designing and manufacturing advanced FPV and unmanned aerial systems in Croatia. Our fully vertically integrated operations, from design to production, enable complete supply chain independence and performance optimization competitors cannot match. In 2026, Orqa was ranked #135 overall and #2 in Aerospace & Defense in The Financial Times’ FT1000 list of Europe’s 1000 fastest-

growing companies. Producing components and integrated systems for customers in over 50 markets worldwide, including 24 NATO member states, we're redefining aerial robotics for defense and enterprise clients globally.

Keywords: VpCI® technology, ESD packaging, , corrosion protection for electronics, antistatic bags, recyclable VpCI film, drone technology, Aerospace & Defense electronics, Unmanned Aerial Systems (UAS), flight controller protection, global drone shipments, offshore and harsh environment hardware, circular economy principles, sustainable supply chain, green chemical engineering, just-in-time manufacturing, local sourcing, biobased and recyclable packaging, EcoCortec®, Orqa, Cortec® Corporation, Croatian tech synergy, European manufacturing