

The Next generation binder for primers - Elan-tech® EP 500

In recent years, the demand for advanced corrosion resistance in metals has intensified, driven by their extensive use in automotive, construction, and marine industries. This has led to a surge in the need for protective primers, necessitating more standardized and optimized production processes.

In response to these evolving market demands, both industrial and consumer sectors are seeking materials that are not only highly effective but also user-friendly and quick to apply.

In this presentation, ELANTAS Europe will unveil Elan-tech® EP500, a groundbreaking binder specifically developed for the production of primers with exceptional anti-corrosive properties, rapid drying times, and ease of use in production cycles. The innovative modification of the epoxy component in EP500 ensures superior flexibility and adhesion, eliminating the need to dissolve additives and solid polymers in the primer formulation.

The presentation will demonstrate the application of this new primer in single-component coating formulations and present the results of chemical resistance tests, including salt spray and humidity cycles.

This innovative chemical base represents a significant advancement in the field of anti-corrosive primers, enhancing the Special Coatings portfolio of ELANTAS Europe and providing robust support to the specialty chemicals sector in the coatings industry.

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