



2025

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Düsseldorf, Germany

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EDILTECO AT K 2025: EPS INDUSTRIAL TECHNOLOGY FOR HIGH-PERFORMANCE INSULATION

Edilteco returns to the international stage at **K 2025**, the world's leading trade fair for plastics and rubber. With over forty years of research, development and global partnerships, Edilteco has established itself as a technological benchmark in the production of thermal insulation materials.

At K 2025 we present a unique offering: **complete plants that combine EPS technology, sustainability and high performance for modern construction.**

Our presence at K 2025 represents a unique opportunity to showcase complete production systems capable of manufacturing lightweight, high-performance products on a global scale.

An integrated industrial process

Edilteco designs and builds complete plants for EPS processing, covering the entire production cycle: from raw material expansion to the mixing and packaging of mortars and thermal insulation panels. This approach ensures **consistent quality, maximum production efficiency and adaptability to the needs of diverse international markets.**

Our exclusive technology: the E.I.A. additive

E.I.A. is Edilteco's exclusive technology that enables the production of lightweight, homogeneous mortars and concretes with outstanding thermal performance. During mixing, the additive coats EPS beads, ensuring perfect integration with water and binders, eliminating separation issues and guaranteeing a stable and insulating material.

The choice of EPS as raw material is based on its **optimal balance of cost and performance: lightweight, non-toxic, moisture-resistant and offering excellent thermal insulation.**

Launching production with one of our plants takes only 45 days: a fast, reliable process built on proven steps.

A complete range of plants

Edilteco's technological offering includes complete production systems designed to combine **scalability, smart automation and superior industrial performance**:

- **Expansion Plant** – to expand raw EPS material to larger granulometry.
- **Politerm® Evolution Plant** – to coat expanded polystyrene beads with the E.I.A. additive, the core of our technology.
- **Drymix Plant** – to produce lightweight thermal insulating premixes, bagged and ready to use.
- **ECAP® Plant** – prefabricated thermal insulation panels with a first skim coat and fiberglass mesh.
- **Smartblocks Plant** – lightweight EPS concrete blocks that combine strength and lightness.

Each plant is designed to ensure **productivity, efficiency and scalability with minimal labor input**. This is how we turn innovation into a real competitive advantage.

A global network growing with us

With more than 50 licensees worldwide, Edilteco is today a successful model of strategic partnership. We provide our partners with **exclusive know-how, technical support and continuous product development**, bringing high-quality insulation solutions to market quickly.

At K 2025 we welcome companies and investors who want to turn innovation into growth opportunities.

Edilteco is not just a supplier – we are your global partner in insulation technology.