



Superior technology, performance proven



**Polyurethane Systems for Industrial Applications**



## Our approach

**COLTECH®** is an independent, privately owned Polyurethane systems house and one of the leading European specialist in cold curing polyurethane resins for Industrial applications. **COLTECH®** proves technological leadership by offering a whole range of special solutions and customized products.

With a 35 years experience in design, development and production of polyurethane systems, **COLTECH®** is one of the fastest developing manufacturers of polyurethane resins in Europe. Its stable growth comes as a result from its innovative and quality products, its highly specialized personnel and the value-added services provided to its clients.

**COLTECH®** delivers individual solutions worldwide from the production facilities in Athens, Greece. Reliability, focus on service and innovation are the values **COLTECH®** lives by every day in its customers' interest.



## Research and Development

The scientific team of the **COLTECH® R&D Department** researches and develops every year a number of innovative products while continuously improves the existing ones according to the technological progress and the modern requirements of any industrial sector using liquid plastics. Furthermore the R&D department of **COLTECH®** offers the advantage of reformulating or specially develop products (tailor-made), based on customers requirements, rendering the company as one of the most flexible polyurethane system houses in Europe.

## Technical Support

Aiming at offering its customers high added value services, **COLTECH®** has a well organized Technical Support Department that its purpose is to share its gained technical know-how and provide integrated technical solutions to any interested party, professionals or individuals. Its highly qualified and specialized team provides prompt and reliable technical information concerning any application relevant to **COLTECH®** products, including on-site application training.

## Quality Control

Before **COLTECH®** products reach the market, they are subjected to continuous, detailed and meticulous controls made by the company's Quality Control Department in order to ensure their high and stable quality. When the products reach the market they must be perfect in any aspect. They must perform excellent, provide definitive solution, be easy applicable, cost-efficient and and satisfy the customers functional criteria.ç

## COLTECH® Industrial Business Units

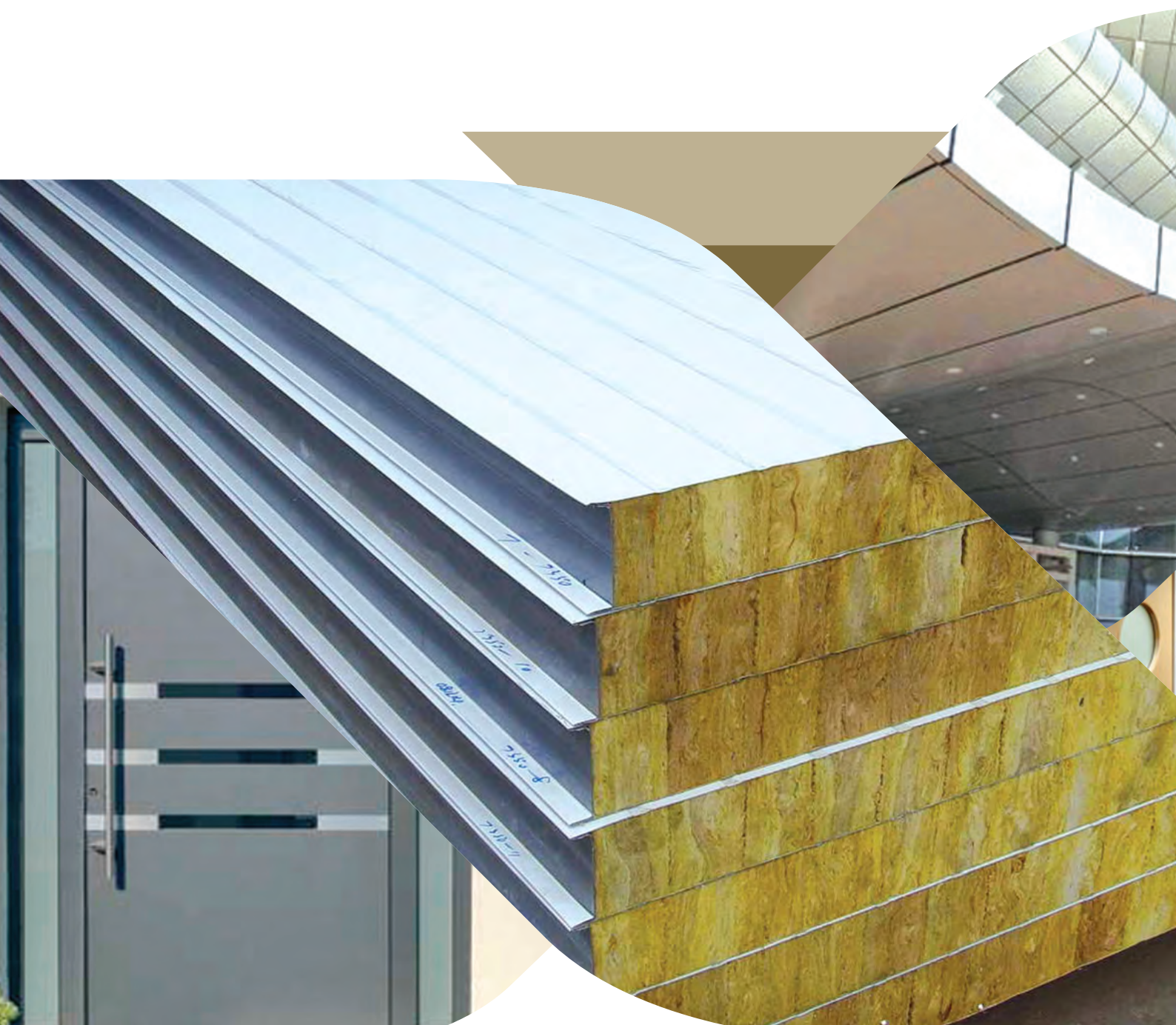


## Adhesives for Panels (Sandwich-Elements) production

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COLTECH® offers specialized adhesives for the production of sandwich-elements (panels) and other industrial applications under the trade name **COLTECH® A-series**.

The **COLTECH® A-series** adhesives offer a complete range of solutions for the panels industry as they include one and two component products, that can be applied either by spray or by hand. The **COLTECH® A-series** adhesive range includes fast or slow setting adhesives, depending on the panel production.



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COLTECH® A-series adhesives are used for the production of:

- ✦ Exterior Doors
- ✦ Interior Doors
- ✦ Security Doors
- ✦ Flame-Retardant Doors
- ✦ Separation Walls
- ✦ Flame-Retardant Separation Walls
- ✦ Refrigerator Trucks, etc.



## Resins for Object production

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COLTECH® offers specialized polyurethane and epoxy resins for the production of various objects under the trade name COLTECH® C-series.

The COLTECH® C-series casting resins offer a complete range of solutions for the industry as they range from rigid to hard elastic, while have low to high viscosity.

The COLTECH® C-series casting resins range can be applied either by robotic machines or by hand, depending on the object production method used.



COLTECH® C-series casting resins are used for the production of:

- ✦ Decorative Objects
- ✦ Industrial Parts
- ✦ Window Mannequins
- ✦ Photo frames
- ✦ Silverplate statues
- ✦ Prototyping
- ✦ Special Effects
- ✦ Polystyrene Covering, etc.

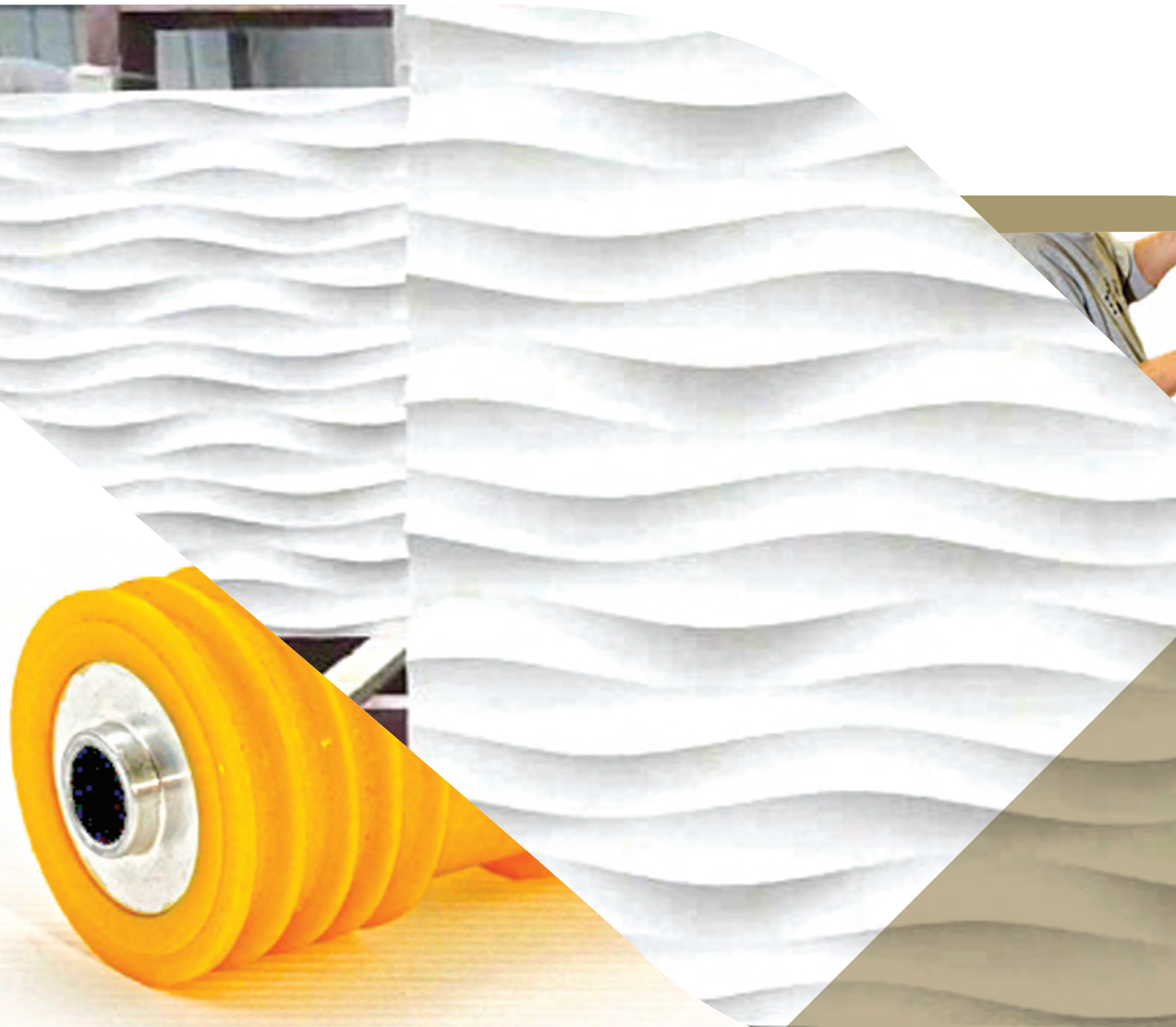


## Elastomeric Resins for Molds & Object Production

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COLTECH® offers specialized polyurethane and silicone elastomeric resins for the production of elastic molds, stamps and objects under the trade name COLTECH® E-series.

The COLTECH® E-series elastomers offer high values of tensile strength and elasticity and exceptional wear & tear resistances. The COLTECH® E-series elastomers are ranging from soft-elastic to hard-elastic and are classified according their hardness, measured in the SHORE A scale.





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COLTECH® E-series elastomeric resins are used for the production of:

- ✦ Molds for concrete object production
- ✦ Molds for gypsum object production
- ✦ Stamps used for the stamped concrete application
- ✦ Molds for candle production
- ✦ Elastic object production
- ✦ Wear resistant object production
- ✦ Filling/Potting applications



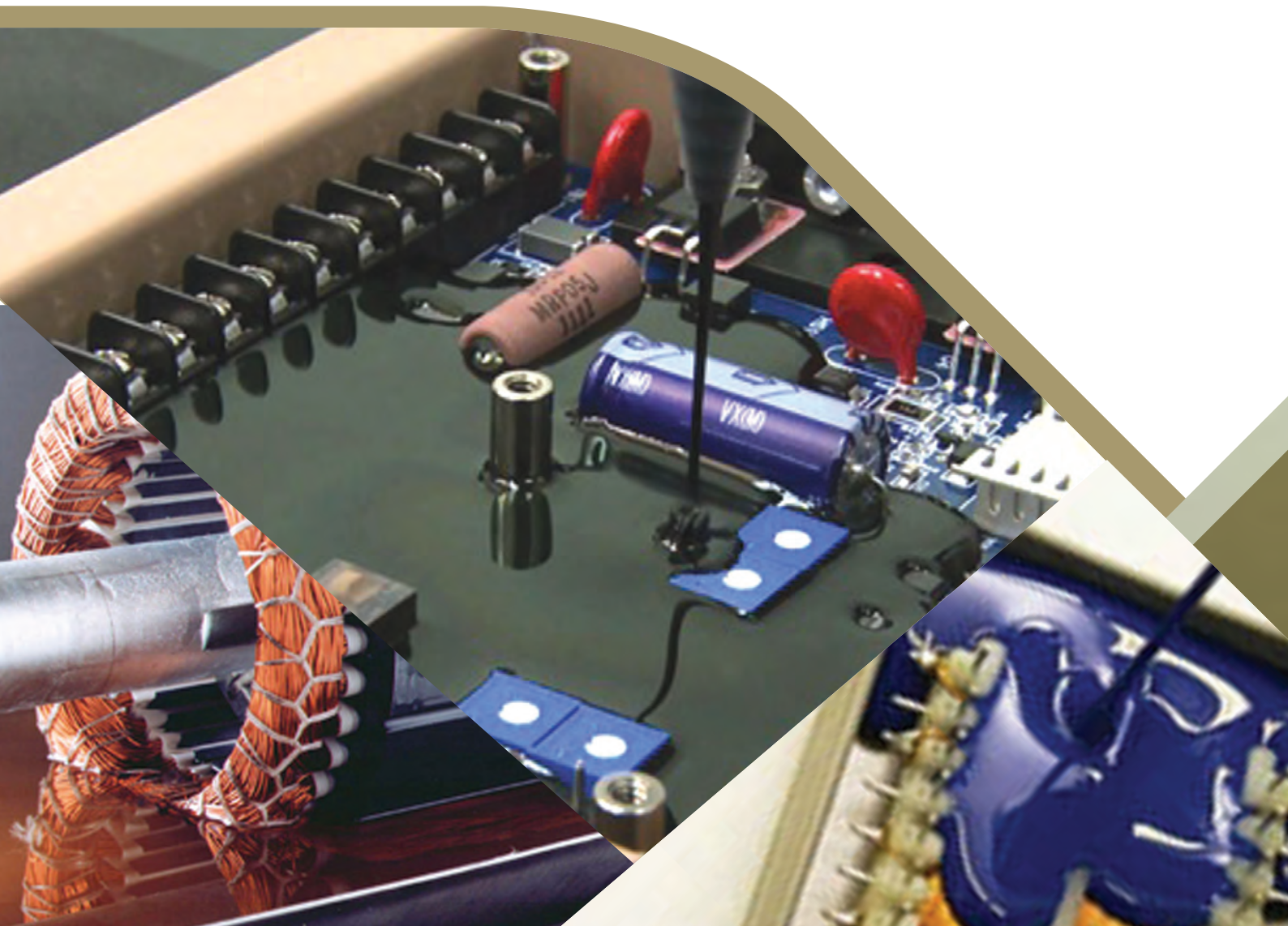
## Insulating-Resins for Electro and Electronic Applications

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COLTECH® offers specialized polyurethane and epoxy resins for the potting, insulating and protection of electric and electronic devices, under the trade name COLTECH® R-series.

The COLTECH® R-series potting resins offer high values of insulating strength and exceptional wear & tear resistances.

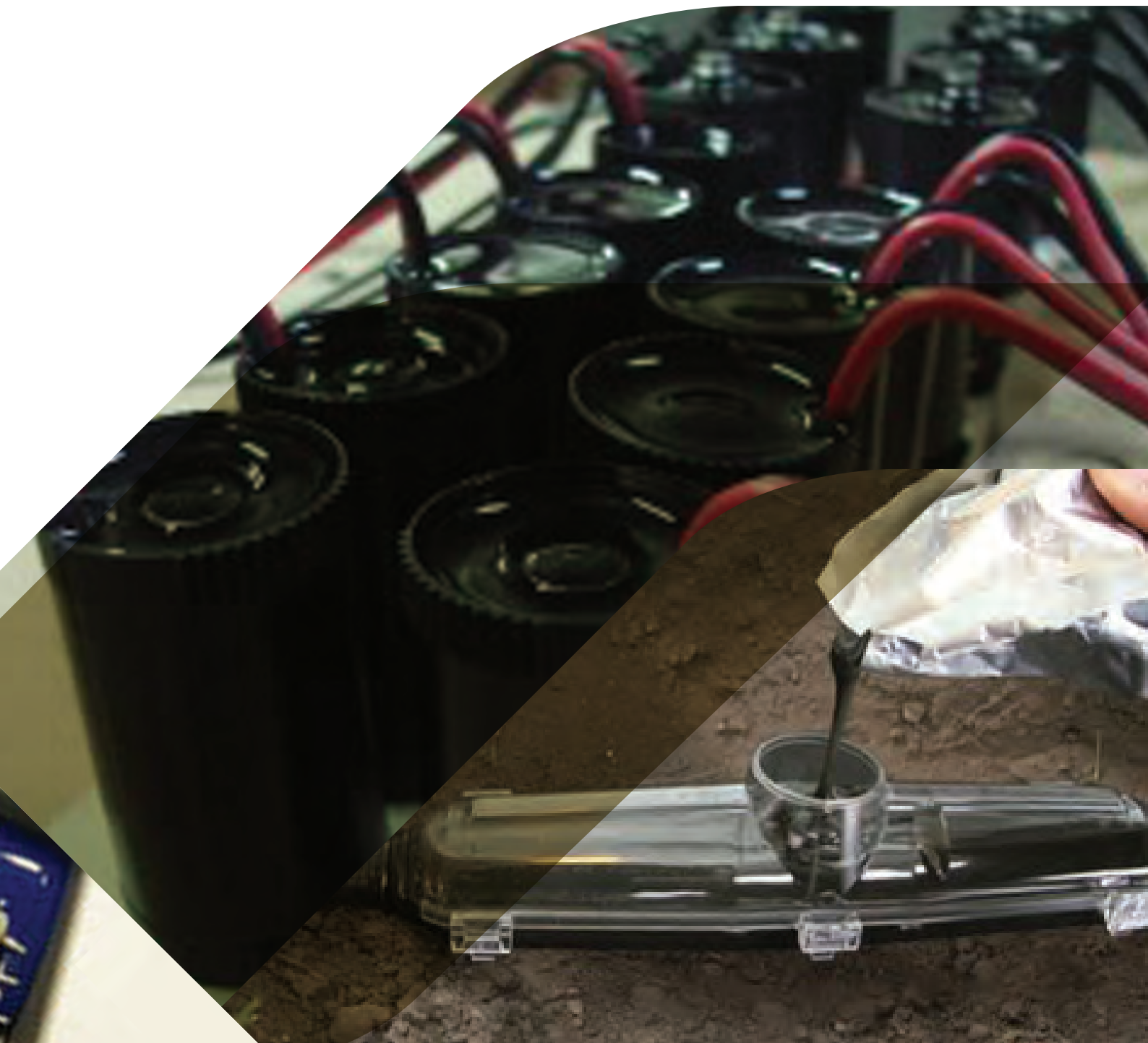
The COLTECH® R-series potting insulation resins offer a complete range of solutions for the electro- and electronic industry as they range from rigid to hard elastic, while have low to high viscosity. The COLTECH® R-series potting insulation resins can be applied either by robotic machines or by hand, depending on the object production method used.



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COLTECH® R-series resins are used for the production of:

- ⚡ Cable Connections
- ⚡ Transformers
- ⚡ Capacitors
- ⚡ Batteries
- ⚡ Electronic Boards & Circuits

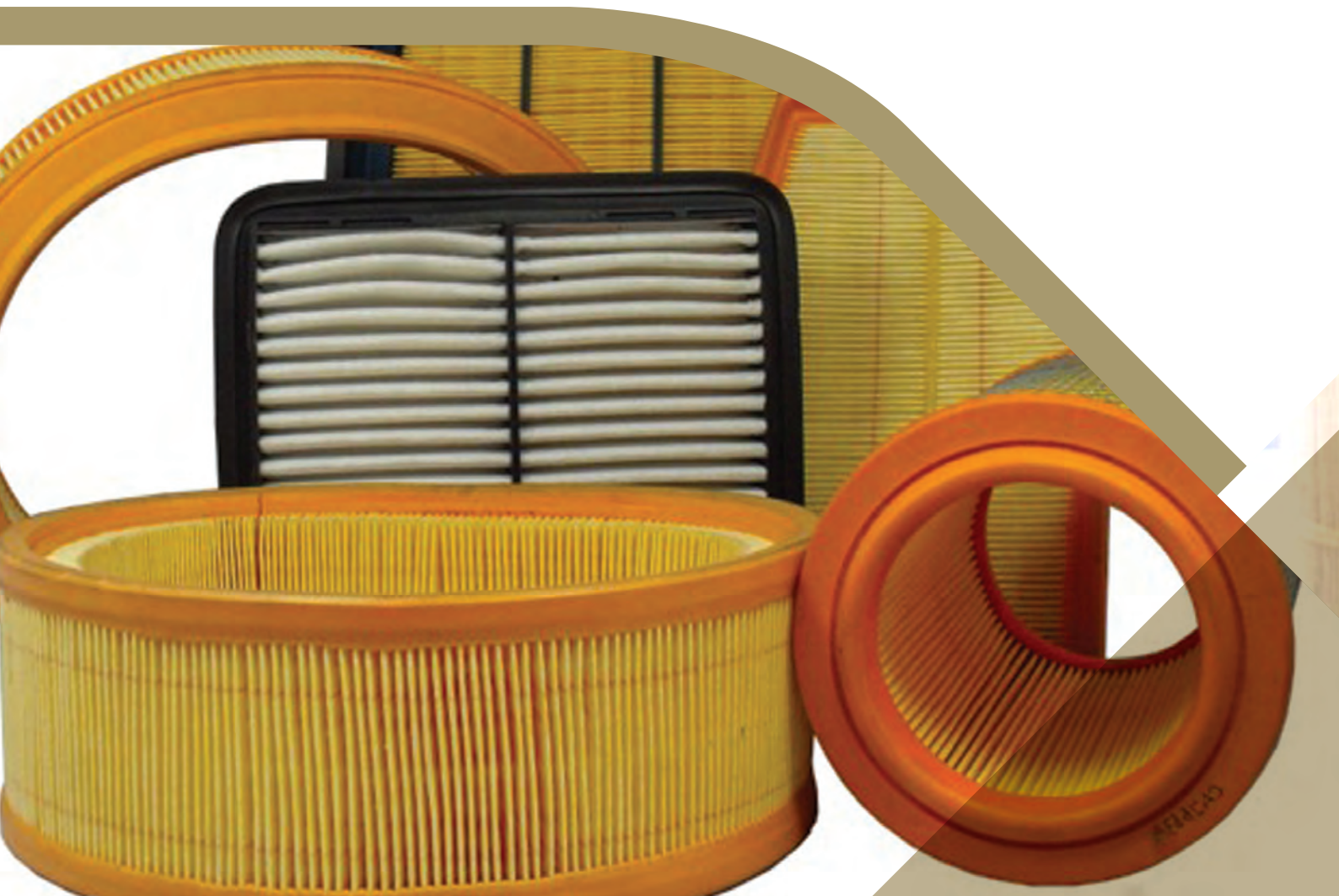


## Polyurethane Resins & Adhesives for the production of Filters

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COLTECH® offers specialized polyurethane resins & adhesives for the production of filters under the trade name COLTECH® F-series.

The COLTECH® F-series polyurethane resins & adhesives offer a complete range of solutions for the filter industry as they include foaming and non-foaming products, that can be applied either by robotic machine or by hand.

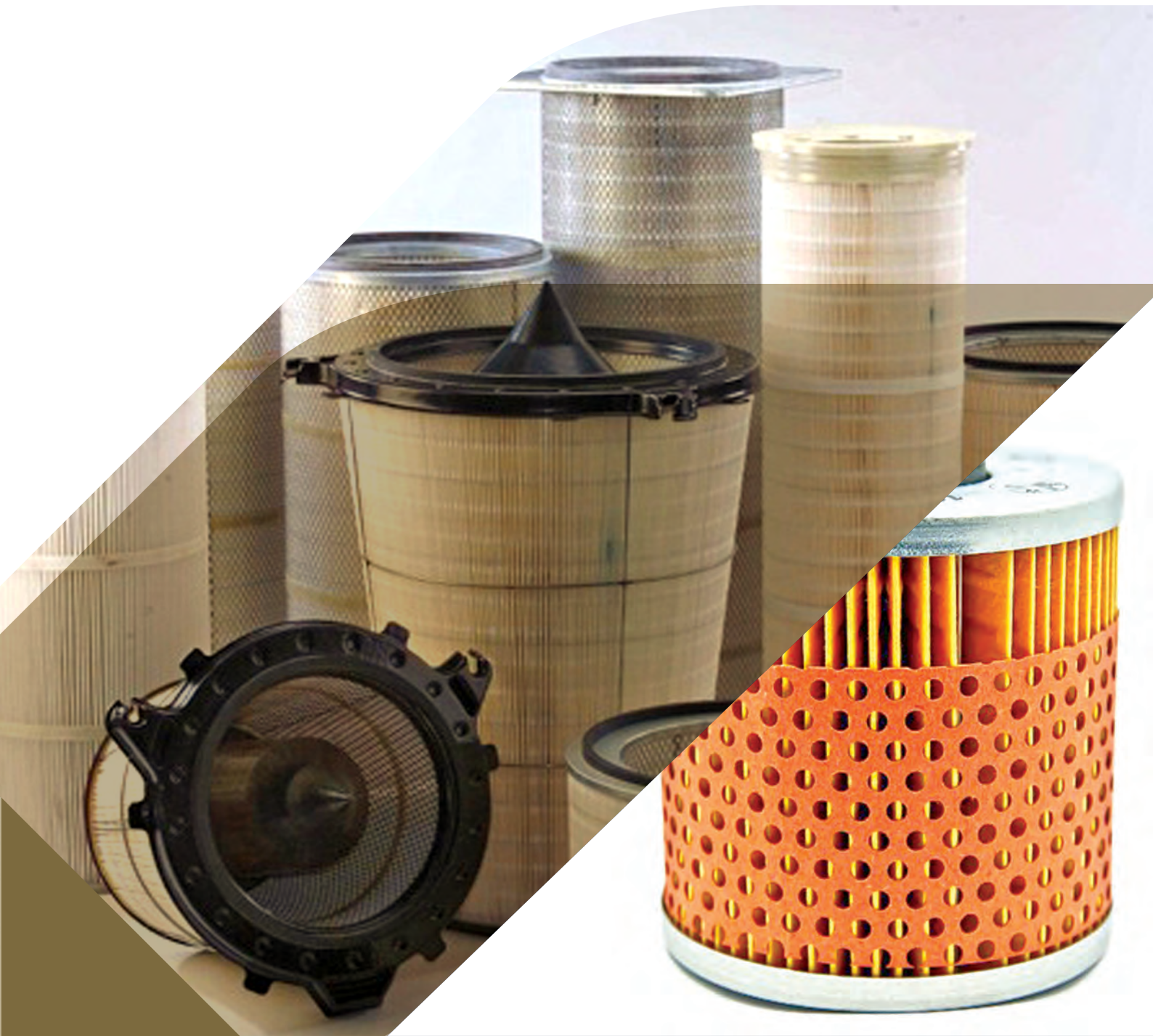


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## FILTER RESINS

COLTECH® F-series resins & adhesives are used for the production of:

- ✦ Air Filters
- ✦ Oil Filters
- ✦ Fuel Filters
- ✦ Hydraulic Filters
- ✦ Industrial Filters, etc.



## Wear-Resistant Linings & Coatings

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COLTECH® offers specialized polyurethane and epoxy based, heavy-duty coatings specifically formulated for the protection of surfaces subject to extreme wear, abrasion and corrosion caused by humidity, chemical attack, mechanical wear and abrasive conditions, under the trade name **COLTECH® P-series**.

The **COLTECH® P-series** coatings offer high values of tensile strength and exceptional wear & tear resistances. The **COLTECH® P-series** coatings are ranging from semi-elastic to rigid.



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COLTECH® P-series coatings are used for the protection of Metal, Wood, Plastic and Mineral surfaces like:

- ⚡ Industrial parts Coatings
- ⚡ Truck-bed Liners
- ⚡ Wind Turbines Coatings
- ⚡ Surfaces subject to heavy abrasion
- ⚡ Marine Coatings
- ⚡ Concrete corrosion Protection

All coatings are designed and formulated to perform in the harshest environments.





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