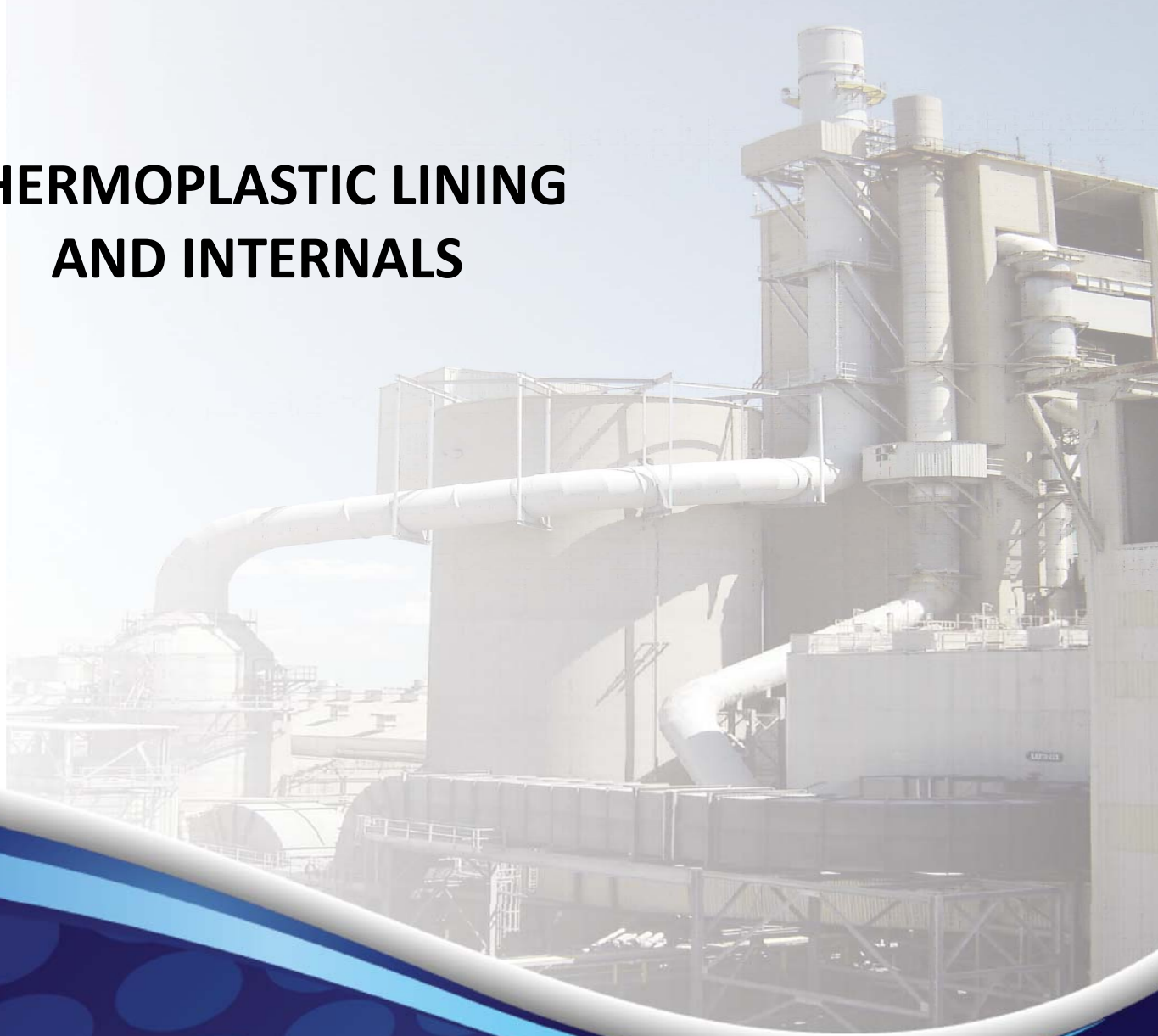


**THERMOPLASTIC LINING
AND INTERNALS**



PRODUCTS AND SYSTEMS

Our goal is to provide the best service and corrosion engineering solutions for corrosion applications. Our turn-key engineered solutions, design and installations are based on extensive experience in the corrosion protection industry. We offer customers the best available corrosion resistant technology and field service in the global market today. Our application knowledge coupled with our full line of thermoplastic technology provides a complete and optimum solution to your corrosion resistant needs and applications from Wet Flue Gas Desulfurization Units, Absorption Towers, Carbon Sequestration, Internals and Surface Protection Areas.

WET FLUE GAS DESULFURIZATION SCRUBBERS / ABSORPTION TOWERS

Koch Knight is able to offer a complete Scrubber or Absorption Tower package. Our products range from thermoplastic liners to all the required internals including spray headers and sieve baskets. We can also offer mist elimination solutions and plastic packing options from Koch-Glitsch LP, a company under the Koch Chemical Technology Group.

NOZZLES AND PIPES



Thermoplastic nozzles are the perfect complement to our thermoplastic liners. The ability to have a single material from the vessel liner to the exterior flange face is an unbeatable leak prevention solution. Nozzles can be engineered to take heavy and aggressive loading even at an agitator connection point.

SIEVE BASKETS



Sieve baskets constructed from our thermoplastics can be engineered to customer specifications just the same as alloy designs. Incorporated into every design is a pressure release top that prevents damage during a pump shutdown or a backflow of pressure.

SPRAY HEADERS

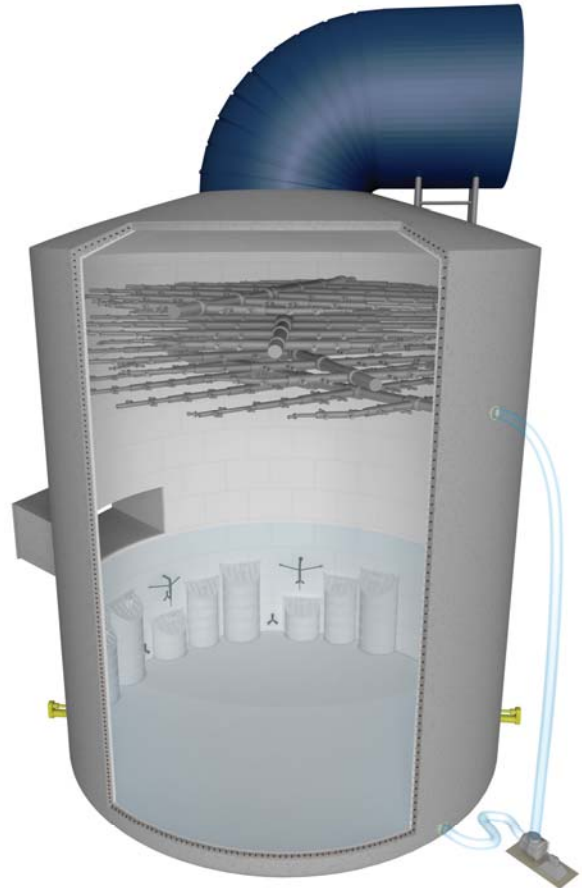


The combined chemical and abrasion resistance of polypropylene spray headers is the ideal solution for WFGD scrubbers in both retrofits and new construction. Chemical resistant properties protect against the corrosive sulphur compounds contained in flue gas. The abrasive slurry compounds which flow through the spray headers and constantly disperse onto the lower levels are no match for our thermoplastic design.

TANKS, BOXES AND TRENCHES



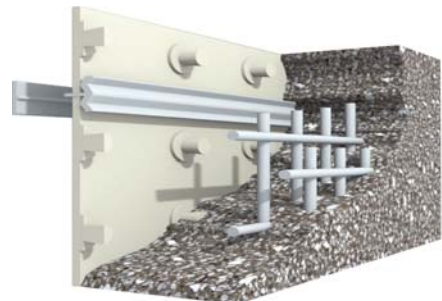
The use of thermoplastic liners go beyond major equipment. When used in auxiliary equipment such as storage tanks, sumps, and trenches, customers are provided with long lasting maintenance-free surface protection. Custom extruded sump and trench edges provide an integrated solution to securing grates and covers.



Wet Flue Gas Desulfurization Scrubber

SURFACE PROTECTION

We offer our thermoplastic linings in most surface protection areas. From floors, walls, trenches, slurry tanks, sump boxes and support beams, we protect what matters to you.



Cross-section of thermoplastic liner installation

CAPABILITIES

Koch Knight offers a comprehensive portfolio from manufacturing, engineering and design, project management, installation and inspection providing a complete service package from start-to-finish and beyond.

TURN-KEY PROVIDER

As a global leader in the corrosion protection industry, we offer clients a full service package that ranges from complex projects to simple reline installations all over the world. From our professional engineers, manufacturing and shop-line facilities, experienced project managers and veteran field installers, Koch Knight provides process evaluation, custom engineering and design, manufacturing, construction management and field installation allowing you to focus on running your profitable business. We make sure that our work is done right by offering routine inspections and service for not only our equipment, but even for competitive equipment. Koch Knight is your single source for non-metallic corrosion resistant process vessels, box and tanks, internals and surface protection .

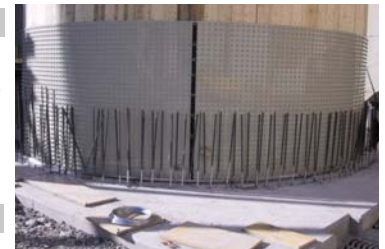


INSTALLATION AND RE-LINING

We provide complete installation and construction services for all equipment we manufacture and provide. Our professional and highly experienced field installers are committed to satisfying our clients' most exacting requirements. In addition to lining our equipment, we can refurbish and re-line a wide range of competitive equipment in your plant. From initial installation, spot repair, tear-out and full re-lining of your equipment, Koch Knight has the experience and personnel to complete the project.

FIELD SERVICES

Our globally recognized, safety focused, professional and highly skilled service crew performs repair and equipment maintenance all over the world. From full service contracts to case-by-case situations, Koch Knight offers preventative and routine maintenance, lining and membrane tear-outs and repair, upgrade and refurbishing of existing equipment, full replacement from flange-to-flange and complete equipment removal.



INSPECTION

Routine and Preventive Maintenance Inspections (PMI) extends service life and prevents unnecessary repairs. Our service can be used to predict future repairs, assist planning of maintenance budgets, and to prevent unplanned outages caused by unexpected failures. We routinely inspect equipment during scheduled shutdowns.

Our PMI service offering is what differentiates Koch Knight from others in our industry.



	Scrubbers	Spray Headers	Absorption Towers	Dual Laminate Piping	Storage Tanks	Sumps	Trenches	Secondary Containment	Sewer Pipes
Power	X	X		X	X	X	X	X	
Cement	X			X	X	X	X	X	
CO₂ Capture			X	X	X			X	
Chemical Processing				X	X	X	X	X	
Waste Water Treatment				X	X			X	X

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