



ENGINEERING TOMORROW'S CORROSION SOLUTIONS TODAY™

A photograph of an industrial facility, likely a refinery or chemical plant, showing a complex network of stainless steel pipes, valves, and large storage tanks. The scene is brightly lit, and the equipment appears clean and well-maintained. The image is partially covered by a blue gradient overlay on the right side.

SURFACE PROTECTION SERVICES

PERFORMANCE
ENGINEERING
CONSTRUCTION



KOCH KNIGHT

SOLUTIONS

Koch Knight, LLC is the single source for all of the most demanding corrosion solutions. Our products and services are available worldwide through our global network of manufacturing and outsourcing facilities. We focus on providing responsive, customer-focused solutions for complex situations using the most advanced technology and materials.

Our goal is to offer clients a complete package of corrosion protection, from engineering, consultation, installation, implementation and supervision. We provide support and service after install completion to make sure you are protected. The services and materials we offer will not only help protect your facility and workers, but will help protect the environment and especially meet EPA and other government regulations.



THE RIGHT CHOICE IN CORROSION PROTECTION

Koch Knight, LLC has been a global leader in corrosion proof systems and linings. We offer the engineering experience, specialized products and solution capabilities to protect your facility and operation from aggressive chemicals and other corrosive elements. Our specially formulated bricks, mortars, epoxy and laminate materials offer the greatest protection in corrosion and acid resistance. We provide multiple finishes, from slip-resistant texture to smooth, easy-to-clean surfaces, promoting safety and security in any traffic area. Koch Knight's long history of corrosion proof systems extend past process equipment. With increased capabilities in manufacturing, experienced driven engineering, customer oriented service and broad range of products promote a full service corrosion and chemical protection provider.

Metal processing	Chemicals	Electrochemicals	Paper and Pulp	Foods & Beverages
Pickling	Inorganics	Zinc and Copper	Pulp stock chests	Sugar production
Degreasing	Fertilizers	Electrolysis	Pulp catchers	Tinned food manufacturing
Hot-dip galvanization	Coatings	Non-Ferrous Metals	Drying plants	Dairy processing
Detoxification	Intermediates			Meat and Fat processing
	Pharmaceuticals			Breweries
	Petrochemicals			Fruit-Juice processing
				Soft-Drink manufacturing

Printer Offset	Power Plants	Refineries	Waste Water Treatment	Chemicals
Etching	Power plants	Collecting vessels	Detoxification plants	Spillage containment
Plating	Nuclear power	Neutralization facilities	Neutralization plants	Filling stations
	Coking	Dosing stations	Sewage facilities	
	Battery rooms		Acid storage	
	Water treatment			

COATINGS AND MEMBRANES

KNIGHT-GARD™ coatings offer superior resilience against harsh chemical compounds such as acids, alkalis, salts and corrosive solvents. The special formulated coatings are manufactured to endure not only corrosive elements, but to withstand abrasion from mechanized vehicles (i.e., forklifts and pallet jacks), rollers, foot traffic and abuse by hard object strikes.

Our coatings and membranes are steam and chemical resistant promoting multiple decontamination choices for spill and maintenance scenarios. Easy to apply, self leveling or trowel applied, finish surfaces make dust, debris and liquid cleaning easy using various options from broom, vacuum (mechanical or manual) or mop. Slip prevention and an array of other options using polyurethane for crack bridging capabilities, epoxy and vinyl ester resins ensure the most demanding safety and durability needs will be met.

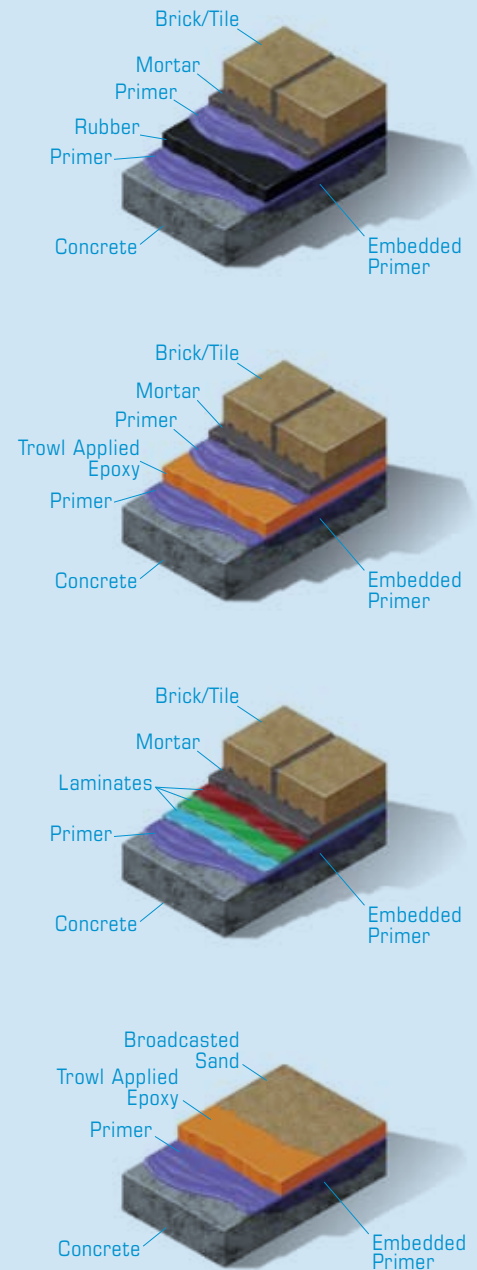
Multiple color options: Lt. Gray, Blue, Red, Green, Beige and Black

LAMINATES

KNIGHT-GARD™ laminates offer excellent strength and stability in heavy load-bearing areas, high temperature environments and protecting crack-prone substrates. Laminates, reinforced with fiberglass or other materials, provide significant advantages in protective capabilities for demanding applications. Our laminates are produced with epoxy, phenol, furan or vinyl-ester resins.

PAVING

Acid and corrosion-resistant KNIGHT-WARE™ bricks and KNIGHT-GARD™ tiles, combined with our proprietary mortars and resins, provide the ultimate protection barrier in extreme traffic, load-bearing and thermal exposed areas. This system is ideally suited to protect against aggressive chemical and mechanical environments. Each brick and tile bonds to the substrate by using our formulated resin cements and mortars, then grouted, to create an anti-corrosive surface. Other tile and block material may also be used as refractory stone, carbon composite, and cast basalt.



Our capabilities extend from materials supplier to installer. We offer epoxy, vinyl ester, phenol, and furan resins for laying and grouting our proven KNIGHT-WARE™ bricks and KNIGHT-GARD™ tiles. In addition, our exclusive PYROFLEX™ membrane system and sodium silicate cement provides further options for most applications.

Koch Knight will work closely with you to produce the most economical protection suitable for meeting your chemical, thermal and mechanical solicitation requirements.

KNIGHT-WARE Brick™ Color: Beige / Yellow

KNIGHT-GARD™ Tile Color: Gray / Yellow, Red and Glazed in various colors

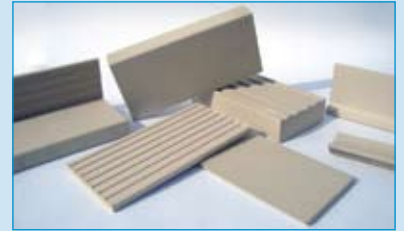
WALL LININGS

Koch Knight's wall linings system consists of a single or multiple layer brick or tile application, depending on the environment. Our acid and corrosion-resistant KNIGHT-WARE bricks and KNIGHT-GARD tiles provide towers, vessels, collection basins or other process equipment with strong, durable, reliable and long-lasting chemical and abrasion protection.

MATERIALS

With our manufacturing capabilities in East Canton, Ohio and sourcing partners throughout the world, Koch Knight is the single source for surface protection systems and materials. We offer a comprehensive mix of anti-corrosive and chemical-resistant products from tiles, bricks, cast basalt, mortars, resins and other non-wear products.

In brick materials, we offer a wide range of unique ceramic compositions, carbon, graphite and stone. Our mortar and laminate materials are produced in epoxy, phenol, furan and vinyl ester resins. Our mortars include PERMINITE™, RESIBOND™, EPOXINITE™, PURENITE™ and KNIGHT-BOND™





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