



ENGINEERING TOMORROW'S CORROSION SOLUTIONS TODAY™



VCM / EDC INDUSTRY



VCM / EDC PRODUCTION

Koch Knight offers the highest quality and most reliable lining systems for VCM / EDC Process Equipment. We manufactured and installed various VCM/EDC process equipment vessels all over the world. Our lining systems have been in service for over 20+ years with minimal upkeep and maintenance required saving valuable time for service and with shut-down costs.

Our PYROFLEX™ Duply membrane is designed to protect your process equipment in the harshest oxychlorinate processing environments. PYROFLEX Duply, combined with KNIGHT-CARB™ Carbon Brick and KNIGHT-WARE™ Acid Proof Brick, is the most resilient lining system on the market for VCM / EDC process vessels. Our proprietary lining system outperforms other glass-flake laminate systems. PYROFLEX Duply offers increased chemical resistance and additional lining system protection allowing process deviation to occur without damaging our protective membrane.

Koch Knight continues to outperform the competition with equipment lining systems within the VCM / EDC Processing Equipment market.



Process Equipment Lined Systems include:

- *Hot Quench Columns*
- *HCl Absorbtion Columns*
- *Slop Acid Storage*
- *Storage Tanks*

PERFORMANCE
ENGINEERING
CONSTRUCTION

HOT QUENCH COLUMN LINING SYSTEM

1



PYROFLEX™ Duply is especially compounded from a carbon material base. The unique combination of chemical resistance and physical properties makes it ideal for interlining use with acid proof masonry construction.

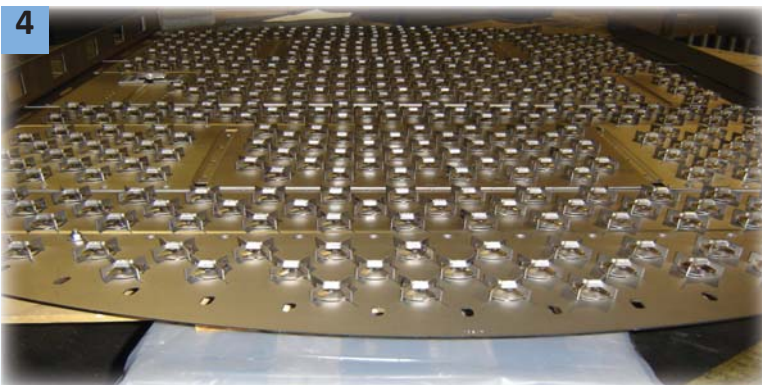
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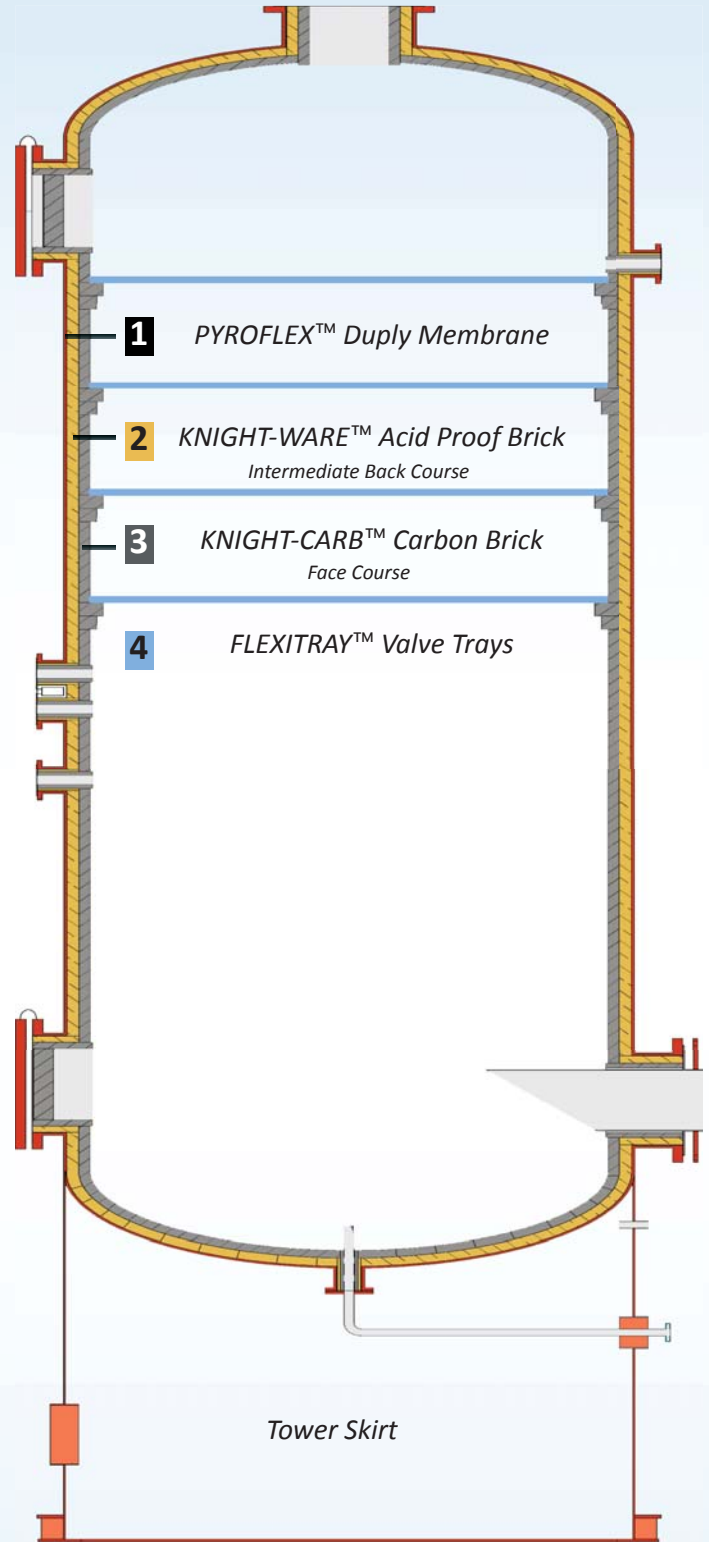


An intermediate back course of KNIGHT-WARE™ Acid Proof Brick combined with a face course of KNIGHT-CARB™ Carbon Brick and set in our PERMANITE™ Mortar. All lining systems are custom designed for each tower to securely protect our PYROFLEX Duply from heat surges and chemical attack within the process environment.

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FLEXITRAY™ Valve Trays combine high capacity and excellent efficiency with a wide operating range. Vapor exiting a valve is directed horizontally, rather than vertical reducing entrainment and “dead spots” where solids can settle.



Hot Quench Column Design

Our goal is to provide the best service and corrosion engineering solutions for corrosion applications in the chemical processing industry (CPI). Our turn-key engineered solutions, designs and installations are based on extensive experience in corrosion protection and vast knowledge in ceramics, alloys, thermoplastics and fluoropolymers. We offer customers the best available corrosion resistant technology and field service in the chemical processing industry today.

CAPABILITIES

As a global leader in the chemical process industry, we offer clients a full service package that ranges from complex projects to simple reline installations all over the world. Our professional engineers, manufacturing and shop-line facilities, experienced project managers and veteran field installers are a complete service package you can rely on.

Koch Knight provides process evaluation, custom engineering and design, manufacturing, construction management, field installation and inspection services allowing you to focus on running your core 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 linings.



KOCH KNIGHT LLC

Koch Knight, LLC Headquarters

PO Box 30070
5385 Orchard View Drive SE
East Canton, Ohio 44730
USA
Phone: +1 (330) 488-1651
Fax: +1 (330) 488-1656
Email: info@kochknight.com
Web: www.kochknight.com

Koch Knight Australia

A Division of Koch Australia Pty Ltd
PO Box 1451
Suite 6 Level 1
186-190 Church Street
Parramatta, NSW 2150
Australia
Phone: 61 (8) 9368-4078
Fax: 61 (8) 9368-4074
Email: australia@kochknight.com