

SOLVING SECONDARY CONTAINMENT PROBLEMS



CEILCOTE CORROSION CONTROL PRODUCTS

Leadership in Corrosion Problem Solving

CEILCOTE

As the pioneer and technological leader in polymer linings, coatings and flooring we've been industry's partner in corrosion problem solving since 1926. CEILCOTE CORROSION CONTROL PRODUCTS have become vital to the cost-effective operation of industrial plants and processes, from secondary containment to primary containment, for metal or concrete surfaces. Our proprietary products are state-of-the-art and our record of technological advancements is without equal in our industry.

- POLYMER-BASED MONOLITHIC LINING, COATING AND FLOORING SYSTEMS
- FLAKE-REINFORCED POLYMER-BASED LININGS
- FLAKE-REINFORCED POLYMER-BASED COATINGS
- SANITARY FLOOR TOPPINGS
- CONDUCTIVE, STATIC-DISSIPATING FLOORS
- ENVIRONMENTALLY COMPLIANT
- CRACK-BRIDGING SYSTEMS



Our solutions to your problems are based on extensive testing. Our laboratories are staffed with chemists, engineers and technicians experienced in applied research, product development and the testing of corrosion-resisting materials for applications similar to yours.

We create entirely new polymer formulations to add to our state-of-the-art products and expose them to a wide variety of chemicals and conditions. We not only qualify our products' performance to standard corrosive chemicals, we help our customers select proper corrosion-resistant materials by testing proprietary or actual combinations of their chemical solutions in our laboratories.

In addition to typical immersion tests, we rely heavily on ASTM C-868 cell testing. Unlike chemical immersion tests, the cell test duplicates real-life conditions by creating temperature gradients that exist in actual service, so we are able to evaluate permeation resistance as well as adhesion. Permeability information is important in comparing relative performance potential and predicting service life of protective lining and coating systems.

Our cell tests are ongoing and a single test can continue for years. During this period we inspect the test cells regularly for blisters, pinholes and other corrosive effects. At the conclusion of the tests, we destroy the specimens to determine adhesion and the condition of substrate and utilize these results when creating our next generation of products.

Through our stringent testing, you are assured of consistent quality and performance. Our testing requirements often surpass industry standards. To better meet your needs, we develop our own procedures to duplicate real world environments in our laboratories.

We're industry's partner in corrosion problem solving.



Your needs dictate our Response

Your needs change with each containment area; therefore, we've developed a multiple systems approach to satisfy your needs.

After reviewing the information for your containment requirements, we will recommend the best systems for your selection, to meet your needs and stay within your budget.

Our broad line of light to heavy-duty coatings and linings are installed without seams or joints and assure long-term protection from a wide range of chemical environments. They form a continuous, protective barrier against corrosion and adhere to carbon steel, alloy and concrete surfaces.

Highly engineered fillers combined with flake, cloth, or mat reinforcement, and a full range of polymer-based matrix systems optimize resistance to permeation and chemical attack.

Special formulations and systems are designed to bridge cracks in concrete, resist abrasion and mechanical abuse, and cure below freezing.

Our linings and coatings cure quickly to minimize downtime, are easy to maintain, and provide a long, cost-effective service life.

There is no "Or Equal"

We've been the industry leader in corrosion problem-solving for over 75 years. Chances are we may already have a solution to your problem; if not, we will focus our technological resources, our problem solving capability and our years of experience to resolve your needs. You can rely on CEILCOTE CORROSION CONTROL PRODUCTS for cost effective innovative answers to your specific problems. Consult us for solutions to your secondary containment problems.

The Key to Compliance

The protective coating/lining or flooring is the key component of your secondary containment system. Choosing the right protection is critical and goes beyond simply selecting a generic resin-base and thickness.

That's why we offer a comprehensive selection of products and services designed for effective performance in corrosive environments. Specifically, corrosion control products for both moderate and severe environments.

Our corrosion resistant products are based on epoxy, novolac epoxy, polyester, vinyl ester and other thermoset polymers. Monolithic linings for metal and concrete process vessels, treatment tanks, and chemical trenches. Flooring systems for a wide range of chemicals, traffic and thermal shock conditions. Heavy-duty coatings for metal and concrete protect against chemical spillage, immersion and fumes...we even have a one-step maintenance coating that is applied to rusted steel.

CEILCOTE has developed CeilLine, a system designed to bridge cracks in secondary containment areas.



FLAKELINE

- Flakefilled Topcoat
- Flakefilled Basecoat
- Primer

MAT-REINFORCED FLAKELINE

- Flakefilled Topcoat
- Mat-Reinforcement
- Troweled Basecoat
- Primer

COROLINE, CEILCRETE

- Troweled Topcoat
- Fabric Reinforcement
- Troweled Basecoat
- Primer

CEILLINE

- Corrosion Resistant Topcoat
- Fiberglass Reinforcement
- Elastomeric Basecoat
- Conductive Primer

FLAKELINE®

Series of linings and coatings which are reinforced with laminar, micron-thick inert flakes that overlap in multiple layers forming a barrier to permeation and extending the service life of the protective system.

MAT-REINFORCED FLAKELINE®, CEILCOTE® LINING

Series of lining and flooring products capable of handling a wide range of chemical resistance requirements while bridging cracks up to 25 mils. The trowel applied basecoat reduces permeation while the mat reinforcement reduces the coefficient of expansion and provides structural support for the entire system. Flake-reinforced topcoat provides broad chemical resistance with extremely low permeation.

COROLINE®, CEILCRETE®

These products consist of a troweled basecoat, a layer of glass or synthetic woven cloth and a troweled topcoat. The filled topcoat and basecoat reduce permeation and the coefficient of expansion. The layer of woven cloth improves overall physical properties. In addition to excellent chemical resistance to a wide variety of chemicals, the entire system provides abrasion and impact resistance.

CEILLINE®

Series of high performance, corrosion resistant lining systems capable of bridging cracks in concrete structures. These unique lining systems utilize the synergistic relationships between an elastomeric basecoat, glass reinforcement and tough, chemical resistant topcoat to provide a durable lining over moving or cracked concrete.

The success of these products for meeting a multitude of demanding and diverse chemical environments is based on the utilization of various topcoats as dictated by the specific operational requirements of each application. Performance proven topcoats include epoxy, novolac epoxy, polyester, novolac vinylester, and hybrid novolac systems.

We Solve Complex Problems in Secondary Containment

Government agencies, concerned corporations and individuals demand protective systems to safeguard our environment from hazardous materials and chemical waste. To achieve this is not a simple task.

The corrosive environments in secondary containment areas vary widely in the demands they make on protective systems. For example, a system that resists concentrated acids may not be effective for chlorinated solvents. Areas subjected to heavy traffic or mechanical abuse require a solution different from areas not subjected to traffic.



Substrate condition also affects material selection. Concrete movement and cracking require crack-bridging systems and techniques to repair and maintain the structure. Another type of material might be used to restore structural integrity to nondurable concrete. In areas where removal of contaminated surfaces is neither practical nor cost-effective, the solution is a special CEILCOTE CORROSION CONTROL PRODUCT to provide the desired containment.





We solve complex problems through our extensive technological expertise, product line and service capabilities. Our protective systems have been used successfully long before today's stiff environmental regulations and have earned worldwide acceptance for protecting all surfaces that must contain hazardous materials and chemical waste.



“Protecting tomorrow...today”



CEILCOTE USA, Inc.

640 N. Rocky River Drive, Berea, Ohio 44017, USA
Telephone: 877-234-5268
www.ceilcotecc.com

North American Region Headquarters

tel (713) 682-1711
fax (713) 684-1514

www.international-pc.com
protectivecoatings@internationalpaint.com

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