

Marine

Coatings and Linings

Superior Protection for Aggressive Environments



Solving our customers' problems is how we got started and after 70 years, it's still our focus at Carboline.

1947

Since 1947, we have been dedicated to delivering innovative coatings, linings and fireproofing products. We are driven to provide the best solutions, service and quality to our customers.



Our customers can be confident that behind every sale is a team of some of the most well-respected members of the industry, dedicated and determined to make your project a success.



Our global network of industrial service centers and distribution points are strategically located around the world to provide the highest level of service and support for your project.



Carboline is the leader in the protection of marine structures. Our comprehensive product line offers the right solutions on new construction and maintenance projects for these tough and demanding environments anywhere in the world. Our highly regarded products are fully tested and field proven; and backed by a team of professionals focused on the needs of the marine industry.

Product Line

- > Outstanding corrosion protection products
- > Surface tolerant coatings
- > Moisture tolerant coatings
- > Low temperature and quick cure products
- > Ultra-weatherable finishes
- > Chemical resistant linings
- > Non-slip deck systems

Certifications / Listing

- > Det Norske Veritas
- > Underwriters Laboratories
- > National Sanitation Foundation
- > Lloyd's Registry
- > American Bureau of Shipping

Affiliations



www.carboline.com



Wheelhouse, cranes, equipment, piping, handrails, and decks

Marine exposures are extremely aggressive to steel due to the severity of constant ultra-violet radiation and a corrosive salt-laden environment. Coatings must offer reliable outstanding barrier and anti-corrosive protection from moisture permeation and resist sub-film corrosion should breaks in the film occur. They often need to provide protection for extended periods of time between dry dockings or repaint cycles.

Carbozinc® Primers

Carbozinc zinc-rich primers have outstanding performance in marine environments, showing excellent sub-film corrosion resistance and longevity to match the life of the vessel.

Carbocoat® Alkyds

Carbocoat alkyds are single-package, primers and finishes that are fast dry and easy to brush and roll, making them ideal for touch-up and maintenance.

Carboguard® Epoxies

Carboguard epoxies include a variety of excellent barrier coatings with chemical resistance and ease of use characteristics for use over zinc primers or direct to steel.

Carbothane® Acrylic Polyurethanes

These finishes are high performance polyurethanes that provide long-term color and gloss retention.

Carboxane® Finishes

Ultra-weatherable siloxanes provide extreme long-term color and gloss retention due to their unsurpassed resistance to ultra-violet radiation.

Carboguard Non-Skid Epoxies

Epoxy coatings that incorporate high profile, non-slip aggregate in a tough epoxy binder system provides safe working conditions in medium to heavy duty exposures. They offer excellent barrier protection and chemical resistance to oils, salt and water.

Carbocoat Non-Skid Alkyds

Single-package, easy to use, non-slip alkyds provide optimum protection for light to medium duty service. They are easy to maintain, touch-up and recoat.

Anti-Corrosive and Antifoulants

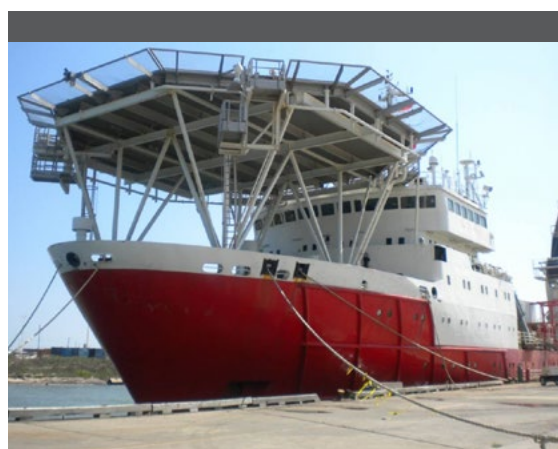
In order to maintain a vessel running smoothly and efficiently it must be protected with a reliable anti-corrosive and antifouling coating. The system must have excellent immersion and fouling resistance to withstand the tough marine environment expected between dry dockings.

Carboguard Epoxies

Carboguard epoxies include a variety of excellent anti-corrosive barrier coatings with outstanding water and salt-water resistance. Choose from a selection of fast cure, fast recoat and low temperature cure coatings.

C-Flex®

C-Flex ablative, tin-free, antifoulants protect hulls from marine fouling, reduce hull cleaning costs and offer fuel savings by reducing the friction caused by biofouling. Co-biocide formulations increase resistance to slime and algae fouling.



Ballast tanks, potable water tanks, dry void tanks, fuel tanks and chemical storage tanks

There are a variety of tank lining needs on board vessels specific to the cargo to be stored. Whether the need is for abrasion resistance, chemical resistance, corrosion resistance or product purity, Carboline linings offer long-term performance in what is considered “critical” service in tank lining applications.

Carboguard® Epoxies

Carboguard epoxies include a wide variety of excellent barrier coatings for a wide range of water service, including fresh water, potable water, waste water and sea water (ballast tanks) with ease of use characteristics for use over zinc primers or direct to steel substrates.

Phenoline®

Highly functional epoxy and modified epoxy linings for a variety of petroleum storage products including fuels, oils and crude oil.

Carbomastic® Coatings

Carbomastic coatings are surface tolerant epoxies that can be applied over marginally prepared steel substrates, will tolerate damp surfaces, and can cure at low temperatures for year round painting in some of the worst conditions.

Plasite®

Ultra High Performance linings that have been developed for unsurpassed performance in extreme chemical service.

High Heat, Insulation, and Interior Spaces

High temperature piping and equipment are often insulated for process efficiencies, safety requirements or energy conservation. Moisture and chemicals can eventually find their way inside the insulation that will accelerate the corrosion process. Coating systems designed to handle the aggressive chemicals and thermal, wet/dry cycling are critical for long term performance. The interior spaces of a ship are also exposed to aggressive environments such as frequently wet floors and hull sweating. It is crucial for a coatings system to protect the interior spaces from corrosion and provide safety for workers from burns, slips and falls.

Thermaline®

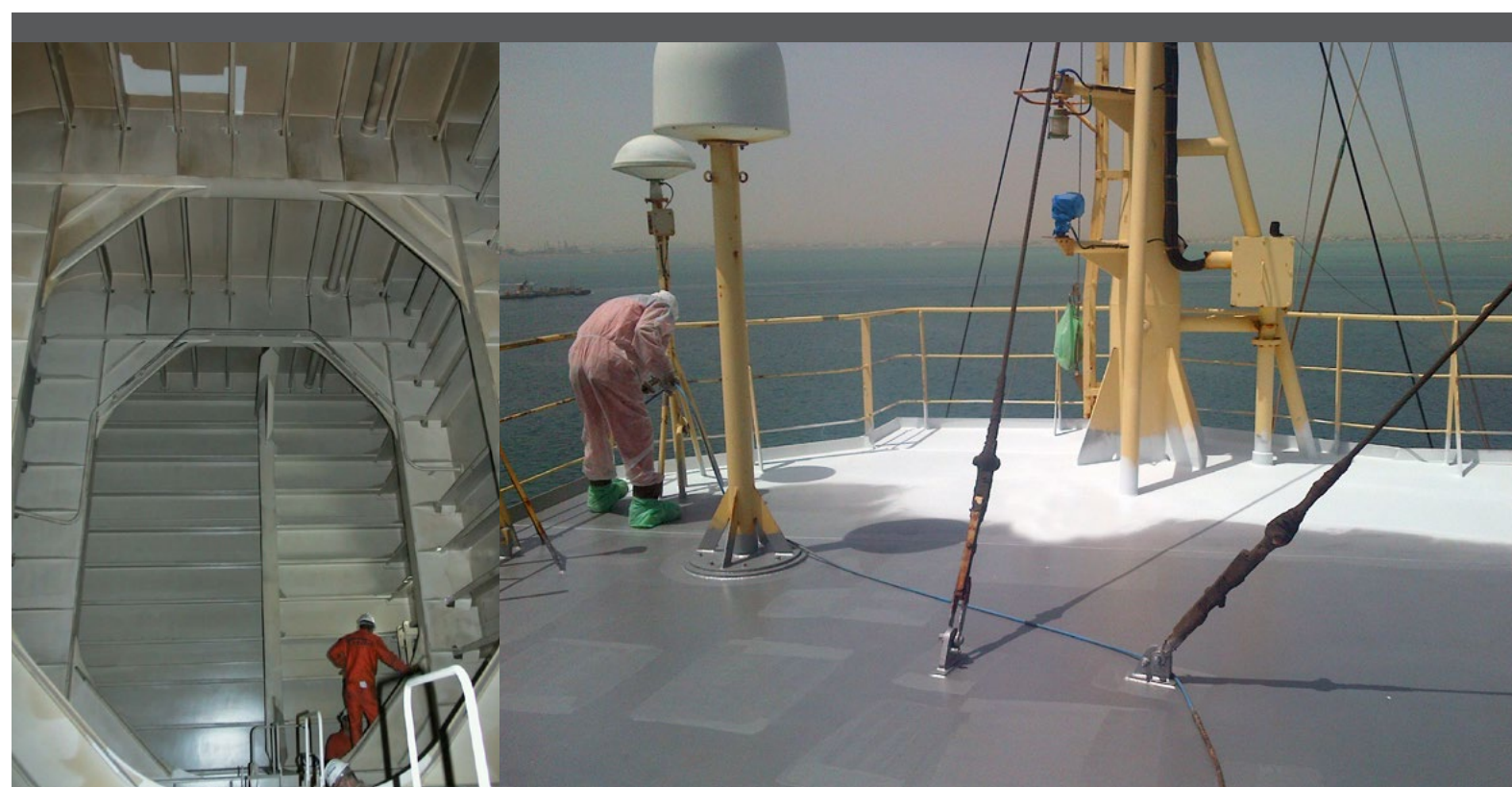
High heat coatings used for the protection of steel substrates operating at elevated temperatures. Thermaline also protects steel from corrosion operating under insulation.

Carbotherm®

Carbotherm coatings are unique thin-film, insulative products that provide safety for workers from hot surfaces. They are ideal for insulating wheelhouses from solar radiation or insulating cold substrates that would otherwise result in condensation and sweating surfaces.

Sanitile®

Sanitile systems offer a durable “tile-like” finish for surfaces from floor to ceiling. Sanitile coatings offer solutions for protection against impact, chemical spills and harmful bacteria.



GLOBAL COATINGS LEADERS™

RIGHT PEOPLE · RIGHT PRODUCTS · RIGHT LOCATIONS



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