

Marine

Coatings and Linings

Superior Protection for Aggressive Environments



Proven Products from an Industry Leader

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



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® and Sea~Barrier

C-Flex and Sea~Barrier are ablative, tin-free, antifoulants that 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®

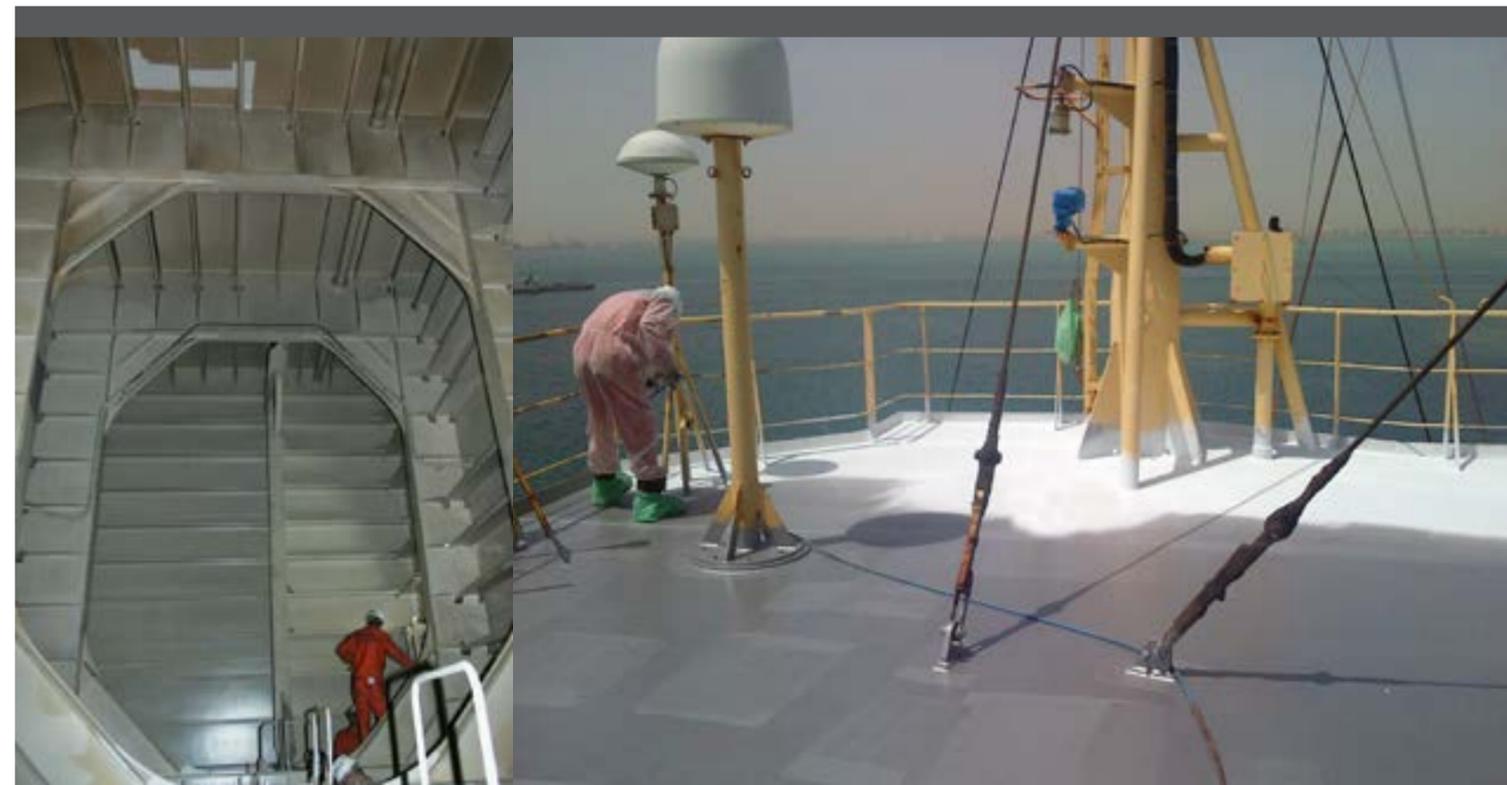
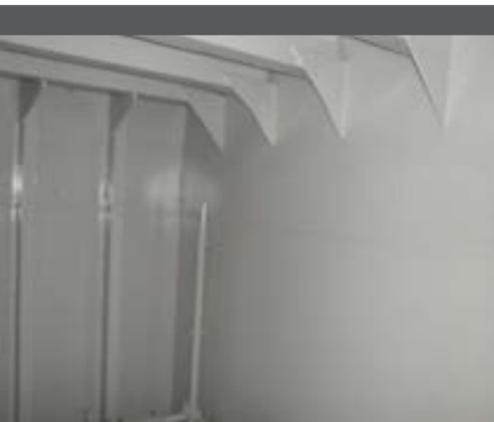
High heat coatings used for the protection of steel substrates operating at elevated temperatures. Thermaline also protects steel from corrosion operating under insulation.

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



AUSTRALIA & NEW ZEALAND MANUFACTURING & DISTRIBUTION OUTLETS

NEW ZEALAND

TAURANGA
Head Office & Manufacturing
Altex Coatings Ltd
91-111 Oropi Rd
Greerton
TAURANGA 3112
Tel: + 64 7 541 1221
Fax: + 61 7 541 1310

AUCKLAND
Altex Coatings Ltd
68 Patiki Road
Avondale
AUCKLAND 1026
Tel: + 64 9 828 3422
Fax: + 64 9 828 3431

NELSON
Altex Coatings Ltd
79 Vickerman Street
Port Nelson
NELSON 7010
Tel: + 64 3 546 8375
Fax: + 64 3 548 2729

CHRISTCHURCH
Altex Coatings Ltd
10D Craft Place
Middleton
CHRISTCHURCH 8024
Tel: + 64 3 335 0673
Fax: + 64 3 338 5689

DUNEDIN
Altex Coatings Ltd
4 Mason Street
DUNEDIN 9016
Tel: + 64 3 474 1890
Fax: + 64 3 471 9250

PACIFIC ISLANDS
TAHITI
TONGA
FIJI
NEW CALEDONIA
MAURITIUS
AMERICAN SAMOA
SAMOA
VANUATU



AUSTRALIA

AUSTRALIA HEAD OFFICE
Resene Paints (Australia) Ltd
Industrial-Marine Division
7 Production Ave
Molendinar
Queensland 4214
Tel: +61 7 5594 9522
Fax: +61 7 5512 6697

QUEENSLAND
Resene Paints (Australia) Ltd
Industrial-Marine Division
601 Logan Road
Greenslopes
QUEENSLAND 4120
Tel: +61 7 3847 9764
Fax: +61 7 3847 9785

NEW SOUTH WALES
Resene Paints (Australia) Ltd
Industrial-Marine Division
Unit 2, 87 Reserve Road
Artarmon
NEW SOUTH WALES 2064
Tel: +61 2 9460 9988
Fax: +61 2 9437 6636

QUEENSLAND
Resene Paints (Australia) Ltd
Industrial-Marine Division
64 Link Drive
YATALA
QUEENSLAND 4207
Tel: + 61 7 3287 0222
Fax: + 61 7 3287 0226

QUEENSLAND
Resene Paints (Australia) Ltd
Industrial-Marine Division
240 Robinson Road East
Geebung
QUEENSLAND 4034
Tel: +61 7 3265 2014
Fax: +61 7 3216 2348

VICTORIA
Resene Paints (Australia) Ltd
Industrial-Marine Division
Unit 3, 72-76 Fenton St
Huntingdale
VICTORIA 3166
Tel: + 61 3 8526 0111
Fax: + 61 3 9543 5507

QUEENSLAND
Resene Paints (Australia) Ltd
Industrial-Marine Division
Shop 4, 118 Kortum Drive
Burleigh Heads
QUEENSLAND 4220
Tel: +61 7 5535 1566
Fax: +61 7 5535 1577

NEW SOUTH WALES
Resene Paints (Australia) Ltd
Industrial-Marine Division
Gateway Plaza
Unit 11, 49-63 Victoria St
Smithfield, Sydney
NSW 2164
Tel: + 61 2 9604 9559
Fax: + 61 2 9609 4702

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