

Fuel Storage Tanks

Tank Protection Inside & Out



Carboline offers a variety of fuel tank linings systems.

Your tankage and tank integrity are top priority. Carboline offers a variety of lining solutions to protect your assets. From time-tested linings to cutting edge polymers, thick film single coat to thin multi-coat systems, Carboline linings are fully tested and field proven. You can rely on Carboline to protect your tanks' integrity.

Thick Film Linings

Phenoline® Tank Shield and Tank Shield Plus

Phenoline Tank Shield and Tank Shield Plus are solvent-free, single-coat epoxy linings that handle various exposures, including crude oil, process liquids, fuel oils, and gasolines. These single-coat, blush-resistant linings will cure at low temperatures, have excellent film build properties, and can be placed in service relatively quickly. Cold cure to 35°F.

Plasite® 4500 FS

Plasite 4500 FS is an outstanding tank lining for projects that require a quick return to service. This single-coat, high-build lining is particularly suited for petroleum storage tanks with excellent resistance to crude oil, gasoline, and fuel oils. Most tanks can be placed back in service with an overnight cure. Cold cure to 20°F.

Plasite 4550 Series

Plasite 4550 Series features our premium novolac epoxy linings. These quick return to service products are resistant to a broad range of chemicals, such as fuels, salts, alkalis, strong inorganic acids, some solvents, and sour crude oil. They can typically be applied as a one-coat system and provide superior adhesion to steel and concrete.

Thin Film Linings

Phenoline 385

Phenoline 385 is an ultra-high solids epoxy coating designed for lining steel tanks. This is a thin film lining, sprayed on in two coats at a total dry film thickness of 8 to 12 mils. Its unique formulation gives it the ability to handle crude oil up to 180°F / 82°C. Provides excellent resistance to petroleum products.

Phenoline 353 & 353 LT

Phenoline 353 is a uniquely modified epoxy novolac coating. It is specifically designed to line steel tanks and pipes. This is a thin film lining that is applied in two coats at a total film thickness of 10 to 12 mils. Its high gloss finish allows easy cleaning; it's applicator friendly and well suited for hydrocarbon exposures.

Reinforced Tank Bottom Repair

Carboline offers systems that provide a reinforced tank bottom repair system that is ideal for adding extended life to heavily corroded tank bottoms. Contact Carboline Technical Service or your Carboline sales representative for recommendations specific to your tank.



Coatings that are durable in any climate, applicable in any season.

Durability lowers life-cycle cost, versatility lowers initial cost and robustness minimizes risk. Carboline tank coatings offer all three. Outstanding corrosion resistance coupled with fast and cold cure capability in forging formulations is your recipe for tank coating success. Add industry leading field and technical service and you have the best value available for your tank coating needs.

Carbozinc® Primers

Carbozinc primers are state-of-the-art zinc primers that are formulated for durability and constructability. They provide galvanic protection for long service life and undercutting protection for future maintenance and low life-cycle cost. One reason for their outstanding success and loyal following is that they are the most applicator-friendly zinc-rich coatings available today. Carbozinc 858 Series organic zincs and Carbozinc 11 Series inorganic zincs are encouraged for tank protection in coastal environments.

Carbomastic® Surface Tolerant Primers

One of the great things about our Carbomastics is their ability to perform extremely well over minimal surface preparation. Hand and power tool cleaned surfaces are protected as well as blasted steel. They provide thick film application in one coat, adhere to nearly every existing coating, and can be topcoated with most generic types. Carbomastic 15 has billions of square feet in service. Carbomastic 615 has similar performance and cures fast in cold, damp conditions.

Carboguard® Epoxies

Carboguard epoxies offer versatility as protective primers, barrier mid-coats, or even utility finishes. Carboguard 60 is an excellent corrosion-resistant barrier that has easy application properties. It is also available in a Tank White finish. Carboguard 890 provides added chemical resistance when industrial areas are more aggressive. Many provide low-temperature cure capabilities like Carboguard 635, which cures down to 20°F (-7°C).

Carbothane® Urethane Finishes

Carbothane finishes are formulated to perform beyond SSPC Level 3 weathering requirements and offer versatile application features. They come in satin (Carbothane 133 Series) and gloss (Carbothane 134 Series). The high-build versions are typically recommended at 5 mils DFT enabling high-performance results in a two-coat system. Both series are available in several VOC levels, low-temperature options and can be rolled or sprayed to provide an attractive finish to your tanks.



TANK CHINE PROTECTION

IS THE CHINE THE FIRST PLACE OF FAILURE?
CARBOLINE HAS A DURABLE SOLUTION TO TANK
CHINE PROBLEMS WITH EASY, FLEXIBLE SYSTEMS.

GLOBAL COATINGS LEADERS™

RIGHT PEOPLE • RIGHT PRODUCTS • RIGHT LOCATIONS



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