

# Water storage tanks

Tank protection inside & out



## Protecting valuable community assets

Carboline utilizes the safest polymers available to manufacture epoxy, hybrid urethane, and solvent-free lining technologies. They are certified to NSF/ANSI/CAN 61, meet the stringent health effect requirements of NSF/ANSI/CAN 600, and conform to all AWWA D102 systems for potable water tank interiors and exteriors.

### Hydroplate® and Reactamine® linings

The comprehensive Hydroplate series of solvent-free epoxy linings emphasize ease of application and superior performance, with ratings for potable water contact and properties to withstand the industry's most corrosive exposures.

**Reactamine 100% solids, no-VOC hybrid resin linings provide superior corrosion protection with very fast return to service. They are well suited for application over pitting or other surface defects.**

**Hydroplate MCZ** organic moisture-cured zinc-rich primer is rated for potable water contact and features exceptional galvanic corrosion protection, excellent application properties, and a unique blue color that optimizes visual inspections.

**Hydroplate 1080** high-solids epoxy lining for new and existing tanks, piping, and valves. It features excellent edge retention and low-temperature curing properties down to 20°F (-7°C).

**Hydroplate 1086** high-solids epoxy lining is AWWA C210-certified for potable water contact in steel and concrete vessels where abrasion resistance and low VOC content are critical.

**Hydroplate 1100** high-build 100% solids hybrid novolac epoxy lining cures quickly down to 35°F (2°C) and is ideal for corrosion protection of potable water and wastewater assets where strong corrosion resistance and fast return to service are required.

**Hydroplate 6500** ultra-durable reinforced epoxy lining provides premium protection, building up to 250 mils in a single pass and requiring only single-leg application at around half the pump pressure of competing epoxies.

**Reactamine 760** advanced hybrid elastomeric polyurethane is ideal for water and wastewater environments where extreme corrosion protection and ultra-high film build (up to 250 mils in one coat) are required.



American Water Works  
Association



## Carbothane® and Carboxane® finishes

Carbothane and Carboxane topcoats are formulated to provide ultra-weatherable protection for water storage tank exteriors, and consist of options each tailored to protect assets in a variety of climate, weather, and other exposure scenarios.

**Carboxane** series fluoropolymer finish coats provide long-lasting protection and excellent visual appeal to exterior assets exposed to the elements. Carboxane 960 is an ultra-low VOC finish coat based on extremely durable fluoroethylene vinyl ester (FEVE) resin technology. It offers phenomenal color and gloss retention as well as barrier protection unrivaled by an other organic-resin based topcoat. It exceeds SSPC Paint 47 and AWWA D102-11, OCS-4 benchmarks.

**Carboxane** series polysiloxane topcoats provide excellent color and gloss retention with very good weathering properties to protect underlying primers and intermediate coats. In addition to the weathering and aesthetic properties of all Carboxane products, Carboxane 2100 epoxy polysiloxane also cures quickly and boasts enhanced chemical resistance for service in more severe environments. It meets SSPC Paint 36 Level 3A criteria.

**Carbothane** series polyurethane finishes blend weathering resistance, chemical resistance, and toughness and are compatible with a very wide range of Carboline primers and intermediates. Carbothane products are available in any color, and low-VOC and low-HAPs variants are available according to local regulations.



### Value add:

The same **Hydroplate** linings introduced on page 1 are also suitable as primers and intermediates under the finish coats described above.



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12-46-0525-606