

Hydroplate[®] 6500



FEATURES

- › Ultra high build - Up to 250 mils in a single coat
- › Batch mix formulation
- › Excellent impact and abrasion resistance
- › Fast return to service
- › Passes ASTM G210 - Severe Waste Water Analysis Tests (SWAT)
- › Color formulation validates consistent mix

New ultra-high build, 100% solids epoxy lining for concrete and steel in severe wastewater service

Protect Concrete in Severe H₂S Service

With construction of new wastewater facilities lagging behind high demand, existing infrastructure must work harder and last longer to meet communities' needs. Influent volumes are higher, along with increased levels and concentrations of corrosive compounds.

Hydroplate 6500 is a next-generation, glass-flake reinforced epoxy lining, offering excellent abrasion resistance and exceptional corrosion protection in heavy hydrogen sulfide (H₂S) environments for new or in-service concrete and steel structures. Its ultra-high build formulation allows for single-coat applications that maximize protective film build ensuring increased service life and a lower overall lifecycle cost.

Faster Return to Service

Wastewater facility owners and operators face the difficult task of keeping infrastructure in good repair while also keeping it operating. They cannot do both at once for long.

Hydroplate 6500 provides a quick turnaround solution ensuring assets are back online sooner:

- › Dry to touch in as little as 3.5 hours
- › Dry to handle in as little as 5 hours
- › Return to service in as little as 10 hours

Hydroplate® 6500

Reduce Wear on Applicators & Equipment

Designed with the applicator in mind, Hydroplate 6500 ultra-high build, 100% solids epoxy lining does not require a higher pressure, more powerful pump for application like other products on the market. This offers several project benefits including:

- › Better applicator control to consistently achieve specified film build up to 250 mils per coat
- › Lower rates of applicator fatigue and reduced injury risk common with continuous spraying
- › Less wear and tear on pumps, tips, hoses and other equipment

SPRAY PRESSURE

Hydroplate 6500 optimizes applicator comfort and control. Achieve 250 mils in a single pass with smaller pumps under pressure as low as 2,500 psi.

Competitor 1



6,000
PSI

Competitor 2



5,500
PSI

Hydroplate 6500



2,500
PSI

Contrasting colors assure proper mix

Part A is a bright white while Part B is a dark brown, these contrasting colors help assure a proper mix when the color is uniform. During a plural application the contractor should observe the mixed color for consistency and stop immediately if variation is detected.

Part A



Part B



Mixed Coating



Quality product backed by quality service

- › Carboline has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001



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