

Foxwoods Casino Water Sphere

PPG epoxy and siloxane coating systems protect a local landmark with exceptional gloss retention and corrosion control.

Case study

The Customer

Mashantucket Pequot Tribal Nation

The Location

Mashantucket, CT

The Challenge

Located in southeastern Connecticut, the Foxwoods Casino Water Sphere is a source of drinking water and community pride for its owner, the Mashantucket Pequot Tribal Nation. Over time, the harsh New England climate had taken a toll on this landmark. Its 6,000 square feet of interior and exterior surface had deteriorated badly. Everything needed to be repainted, including the Nation's logo on its side.

The Solution

The Nation turned to Service Contracting of Johnston, Rhode Island, who chose PPG to provide the best-performing solution for protecting the tank's carbon steel surface. For the interior, AMERCOAT® 114A epoxy filler compound was used to pit-fill the surface, followed by three coats of AMERLOCK® 2 epoxy. The exterior was primed with Amercoat 68HS zinc-rich epoxy primer, followed by a mid-coat of Amercoat 385 multi-purpose epoxy, and then topcoated with PSX® 700FD, PPG's patented fast-drying engineered siloxane.

The Benefits

These high-performance coating systems offer exceptional gloss retention, weather resistance and corrosion control. Amercoat 114A epoxy filler compound provides excellent chemical resistance. Amerlock 2 epoxy is a high-performance, self-priming low-VOC universal epoxy that meets NSF Standard 61 for tanks, pipes, valves and fittings. Amercoat 68HS zinc-rich epoxy primer provides outstanding corrosion resistance and fast dry times for rapid topcoating, and is qualified for steel potable water tanks per ANSI/NSF 61. Amercoat 385 multi-purpose epoxy contains zinc phosphate for enhanced corrosion inhibitive performance. PSX700FD siloxane delivers excellent adhesion, toughness, corrosion resistance, and chemical resistance in fewer coats compared to other leading systems.

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Asia Pacific ☎ + 86-21-6025-2688 ✉ ppgpmc.ap@ppg.com | Europe, Middle East and Africa ☎ + 32-3-3606-311 ✉ customers@ppg.com
Latin America ☎ + 57-1-8764242 ✉ ppgpmc.andean.ca@ppg.com | North America (US & Canada) ☎ + 1-888-9PPGPMC ✉ PMCMarketing@ppg.com
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The Result

The Foxwoods Casino Water Sphere is protected from the elements and continues to be a source of drinking water for the Mashantucket Pequot Tribal Nation.

