AOC
World Leader in Resin Technology

CaseHistory

Airport Fuel Storage

Resin:	Vipel® F764 high high crosslinked isophthalic polyester
Code Approval:	UL 1316
Composite Application:	Double-wall underground storage tanks
Storage Media:	Diesel Fuel Unleaded gasoline
Dimensions:	Diameter 8 ft. (2.44 m) Capacity 10,000 gal (37,854 L)
Installed:	2001
Owner:	Metropolitan Airports Commission
Location:	Minneapolis-St. Paul, Minnesota, USA

For four new fuel storage tanks, Griggs Contracting, St. Paul, MN, specifies double-wall fiberglass vessels from Xerxes Corp., Minneapolis. Three tanks store fuel for large snowplows and related airport equipment. The other tank is for smaller airport utility vehicles such as pick up trucks and vans.

The Xerxes tank design uses no sand fillers in the resin and includes the unique, robust structure of an integral rib that is formed the same time as the tank. This technique eliminates secondary bonding that could jeopardize rib integrity and strength. Xerxes also uses a true double-wall construction, not just a single structural wall with a composite coating.

To complement its superior design and quality workmanship, Xerxes specifies the proven corrosion-fighting performance of a Vipel® resin from AOC. “In addition to supplying a resin that meets our stringent specifications, AOC provides excellent service and technical support,” says Sherry Dillon, Corporate Senior Buyer for Xerxes.