

From North to South Pole, AcrylaThane has Seen it All

From whale hunt fueling depots in the Arctic Ocean, to research stations at the South Pole and all points in between, Madison's AcrylaThane is gaining worldwide popularity.

AcrylaThane is a high solids, aliphatic polyurethane and is rapidly becoming the standard for external coating of aboveground tanks, and other exposed steel structures. Applied with single component equipment, AcrylaThane is suitable for both the industrial and OEM user.

Anchorage Tank & Welding, based in Anchorage, Alaska uses AcrylaThane to coat all types of steel tanks in service throughout the Arctic. They recently used AcrylaThane on a 6,000 gallon self-contained dual compartment dike tank assembly.

The dual compartment dike tank provides fuel and power for a Native Alaskan village whaling expedition. Each year the tank is transported to Cross Island, located about 10 miles offshore of Prudhoe Bay in the Arctic Ocean. Although it is little more than a gravel bar, Cross Island is the base for the whale hunt.

Because the island is frequently under water in rough seas, the camp is a temporary set-up and the Coast Guard requires the tank be removed to the mainland beach at the end of the whale hunting season. The tank is transported by a rollagon - a special vehicle for traversing a tundra of permafrost in the worst weather conditions imaginable.

Conventional coatings usually need to be re-applied every year; however, one coat of AcrylaThane has continued to

protect the tank from the extreme cold and rough handling associated with constant shipping without cracking, peeling and rusting. Crowley Marine, the tank owner, reports that they are pleased with their tank and its coating.

Anchorage Tank uses AcrylaThane because of its unique handling and performance characteristics. They can coat a tank in the morning and ship it the same day. Even at temperatures down to 32°F/0°C, AcrylaThane still cures much faster than any epoxy system.

AcrylaThane's journey to the South Pole begins in New Mexico. Eidson Steel Products, Inc. based in Albuquerque chose AcrylaThane to coat 45 aboveground fuel tanks going to the South Pole. These 10,000 gallon tanks went to a research station in Antarctica to provide oil for heat and fuel for transportation. The tanks were trucked to California, put on a boat to New Zealand and then transported aboard a C130 Military plane to Antarctica.

Eidson Steel chose Madison's AcrylaThane because of its excellent wear resistance. They wanted a one-coat system that could handle the lengthy journey and protect the tanks from strap marks or "dings".

The conditions at the South Pole are just as extreme as those found in Alaska. Ultimately, the South Pole tanks are go-



6,000 gallon tank coated with Madison's AcrylaThane White, aboard a rollagon, on the Arctic Ocean beach near Prudhoe Bay.

ing inside a fueling hut and will be buried underground at ambient temperatures of -55°F. The end users were relieved they would not have to worry about needing to touch-up or re-coat the tanks.

Most applications for AcrylaThane involve the mainstream of industrial maintenance and OEM applications, where it has been generating enthusiastic loyalty from a rapidly growing customer base.

While AcrylaThane costs more than conventional coatings, AcrylaThane users realize that the high yield, fast throughput and superior performance make AcrylaThane a bargain compared to ordinary enamels, epoxies and urethanes.

Call Madison to learn how you can benefit from our polyurethane technology.



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Phone: (905) 878-8863 Fax: (905) 878-1449 e-mail: sales@madisonchemical.com

490 McGeachie Drive, Milton, Ontario, Canada L9T 3Y5 www.madisonchemical.com