

PROBLEM *Solution*

Project:
ALCOA - Ultrasonic
Testing Tank

Owner:
ALCOA

Installer:
Martin Products Corp.
Grafton, WI

System:
EnviroLastic® AR425

Completed:
March, 1997



The Aluminum Company of America, Davenport Works, has been a leader in the production of aluminum since before World War II. The plant currently houses the Aerospace and Commercial Rolled Products Divisions.

In order to meet the high quality standards required for the aluminum skin on airplanes, ALCOA employs a quality control step which is carried out on a plate that is submerged in deionized water. A new concrete tank was constructed to hold the water. It was critical to the process that the 260 foot long and 16 foot wide tank did not leak.

Based on previous projects in the plant, the engineering staff agreed that EnviroLastic AR 425 was the coating system to meet their specification. This rapid cure technology was applied to a thickness of 80 mils.