



Logan Aluminum Coolant Pit



2023

ABOUT THIS PROJECT:

Market Segment:
General Construction

Location:
Russellville, KY, USA

Products Used:
Xypex Admix 500 NF

DESCRIPTION

Xypex Admix C-500 NF was included in the 576 cubic yard concrete foundation of the coolant pit at the Logan Aluminum plant in Russellville, Kentucky USA.

Xypex was chosen for its superior performance in resisting water penetration and hydrostatic pressure, reinforcing its suitability for watertight applications within industrial, water and wastewater treatment facilities, reservoirs, and water-retaining structures. This project elected to use Xypex C-500 NF for its minimal impact on set time.

Another significant advantage of Xypex Admix lies in integrating the Visual Detection System (VDS) within the admixtures. This cutting-edge system provides a definitive method for confirming the presence of Xypex Crystalline Waterproofing Admixture within hardened concrete, verifying admixture inclusion and quality.

