

Product Case History



Cauchari - Olaroz Thickener

LOCATION: Jujuy, Argentina

DATE OF APPLICATION: September 2022

MARKET: Metals & Mining

TYPE: New Construction

OWNER: Minera Exar S.A.

PROJECT SIZE: 14,000 Liters

AREA COATED: sludge thickener

SUBSTRATE: Concrete

EXPOSURE: Immersion, Chemical

SURFACE PREP: SSPC-SP 13

PRODUCTS: Carboguard 690, Reactamine 760

PROJECT DESCRIPTION:

Minera Exar S.A. is an Argentine company, made up of Lithium Americas Corp, Ganfeng Lithium and JEMSE (Jujuy Energía y Minería Sociedad del Estado), dedicated to the development and production of lithium in the Salar Cauchari-Olaroz ("Cauchari-Olaroz Project"), in the province of Jujuy, Argentine Republic.

The Cauchari-Olaroz Project is in its final stage of construction and is expected to produce in 2022.

The financing contemplates a total investment of USD 741 million to establish a production plant of 40,000 tons per year (40 KTPA) of lithium carbonate " quality/grade of battery".

COATING SELECTION EXPLANATION:

The thickener was previously coated with an epoxi liner that had cracked and was allowing salt water to leak through the concrete. Customer wanted an elastomeric coating to fill cracks in the concrete with good adhesion to substrate and 100% elongation. Carboline proposed a system that included removing the old liner, repairing the concrete substrate and applying a new lining system with Reactamine 760.

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AREA COATED: bolt rivet tanks

SUBSTRATE: Steel

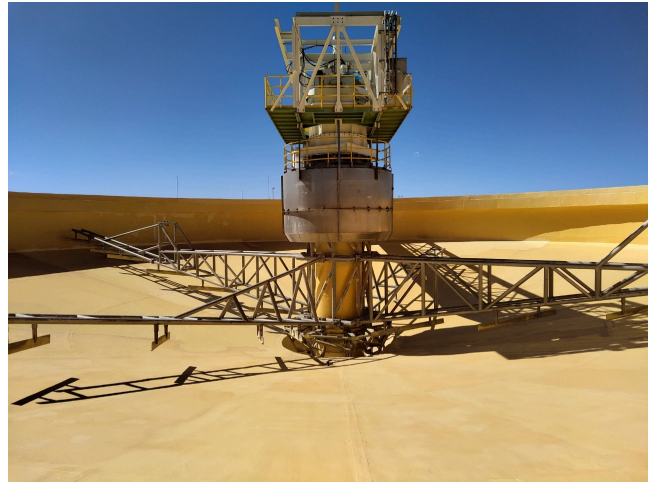
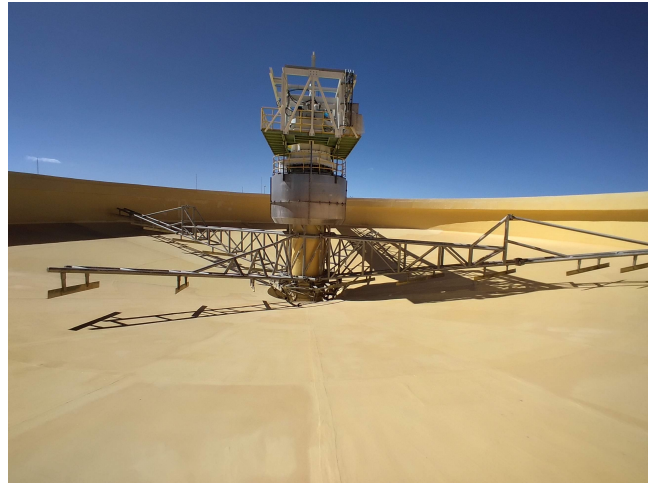
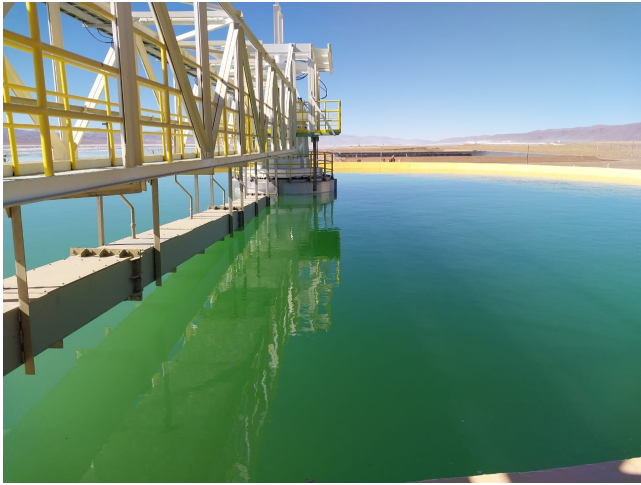
EXPOSURE: Immersion, Chemical

SURFACE PREP: SSPC-SP 5 (White Metal Blast)

PRODUCTS: Reactamine 760

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ADDITIONAL PHOTOS:



Cauchari - Olaroz Thickener

