

# case study

**Location:**

Eritrea

**Customer:**

Zara Mining

**Industry:**

Mining

**Final water usage:**

Potable and process water

**Tank information:**

119 KL, 475 KL and 1.069 ML

## Problem

Zara Mining Share Company (ZSMC), a joint venture between China SFECO Group (60%) and Eritrean National Mining Corporation (40%), operates the Koka Gold Mine in one of the most remote and arid regions of Eritrea, approximately 100km from the coast. Water for potable use and processing operations —is extremely scarce in this desert environment. Lack of accessible water threatened plant operations, worker well-being and project timelines. The mine's success hinged on securing a reliable water supply in a harsh, water-stressed region.



## Solution

We supervised and commissioned three epoxy-coated steel storage tanks to ensure water availability:

- 119 kL tank
- 475 kL tank
- 1069 kL tank

These durable, corrosion-resistant tanks store both potable water for staff and process water for mining operations. Their installation addressed the twin challenges of remote location and limited water access, enabling safe water reserves to support both human and operational needs.

## Benefits to the customer

- ✓ Reliable Water Supply
- ✓ Worker Welfare
- ✓ Regulatory Compliance
- ✓ Operational Efficiency