

## Challenge

### Goals

- Eliminate “slip and fall” safety issues on corrosion damaged concrete scraper conveyor floor
- Reduce efficiency impact damage

### Root Cause

Aggressive and corrosive acids leaching from bark attack inadequately protected concrete. *Previous patching materials failed.*

## Solution

### Preparation

- HP water blast at 600 bar (8,500 psi)
- Decontaminate with IMS II and rinse

### Application

1. Prime using **ARC 797** to promote adhesion
2. Topcoat with **ARC 791** to perform under load against sliding abrasion and chemical attack

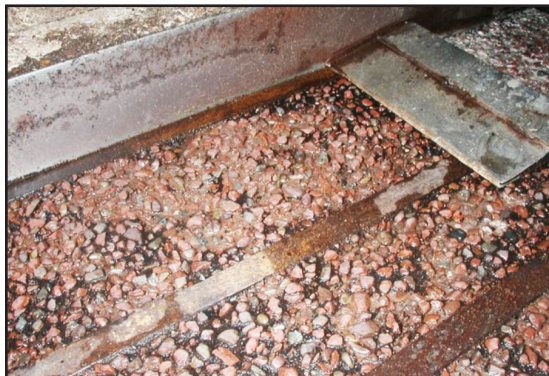
## Results

### Client Reports (Yearly Estimated Savings)

Patching:	\$ 1.2K
Rconstruction Costs:	\$ 3.6K

### Cost Savings

- Previous 3 year costs \$14.4K
- **ARC Repair (materials and labor) - \$ 8.4K**
- 3 year savings \$ 6.0K
- **Estimated Life Expectancy: 10 years**



Damaged floor



Rebuilding with ARC 791

\$=USD



After 3 year inspection, the application is in perfect condition