

Challenge

Goals

- Restore and protect 310 feet (95 meter) long chute, wear plates and chains
- Increase efficiencies and safety of operation

Root Cause

Severe impact and abrasion from logs dropping and dragging across wear plates and chains.

Solution

Preparation

- Grit blast to Sa 2.5 with 3 mil (75 µm) profile
- Clean and test for chloride contamination

Application

- Apply **ARC BX1*** at a minimum ¼ inch (6 mm)

**ARC BX1 is the "Bulk" package size of ARC 890*

Results

Client Reports

- 12 month cost avoidance: **\$125,000**
 - 4 chutes protected
 - Eliminated unsafe cracks under wear plates
- Estimated Total Savings: \$500,000**

**Cost avoidance: wear plates, chains (spare parts replacement)*



Conveyor and chute



ARC BX1* application



Chute protected with ARC BX1*

\$=USD