

Challenge

Issue

Safety related accidents from tripping and slip hazards occurred in work area. Floors were adjacent to operating equipment increasing risk of injury.

Goals

- Reduce risk of injury
- Protect concrete from future attack

Root Cause

Process water from paper machine attacks concrete causing spalls and pitting damage.



Exposed aggregate caused concern for paper contamination and operator safety

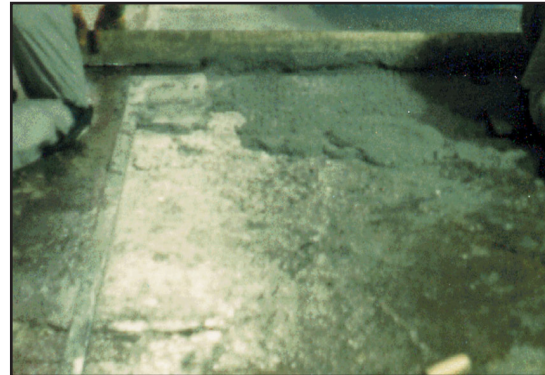
Solution

Preparation

- Decontaminate with Chesterton IMS II and rinse
- HP water blast at 600 bar (8500 psi) and scarify

Application

1. Apply **ARC 797 Primer** with fiber glass cloth to cracks to seal and terminate
2. Apply **ARC 791** by screed and trowel finish @ .250 (6.4 mm)



Screed placing ARC 791 on primed concrete

Results

Client Reported

- Floor is level and tripping and slip hazards reduced
- Floor is still protected after 10 years



Product has lasted over 10 years without damage