

Challenge

Issue

Fiberglass mat reinforced polyester lining cracked and delaminated from process floor in ClO₂ mixing room in bleach plant

Goal

- Replace failed lining with more chemically resistant liner

Root Cause

Spills of 15% ClO₂

Solution

Preparation

- Surfaces decontaminated then surface ground to CSP3 finish

Application

- Damaged concrete re-pitched to drains at 2° slope using cementitious mortar
- **ARC NVE Primer** applied followed by two coats of **ARC NVE VC** at 15-20 mils (375-500 µm)/coat

Results

Client Reported

- Coated areas have been in continuous service for over 4 years

Fiberglass*	\$ 35,000
ARC repairs	\$ 27,000
Savings	\$ 12,000

* Lasts one year

\$=USD



Delaminated glass matt polyester



ARC NVE VC in service



ARC NVE VC in service