

Challenge

Issue

Damaged concrete floors are a slip/trip/fall safety hazard. Cementitious grouts take 2 – 3 days to cure to service use.

Goals

To provide a more rapid return to service for concrete spall and structural repairs.

Root Cause

Impact, erosion, chemical attack, and freeze thaw cycles.

Solution

Preparation

Typical repairs include key terminations, chipping, or impact hammer and diamond grinding.

Application

Chesterton® ARC EG-1 is mixed and poured into cavities and then screed/trowel struck level to repair the floor.

A finish coat of Chesterton ARC CS2 was applied.

Results

Client Reported

Repairs are simple as there is no primer. Just mix Part A+B and then add Part C and mix until uniform.

Can apply immediately to prepared surfaces.

Vertical applications require forming.



Damaged expansion joints rebuilt with ARC EG-1.



Sloped ramp reconstructed or repaired.



ARC EG-1 with tight ARC CS2 finish coat.