

Concrete repair and restoration final inspection checklist

Concrete repair and restoration final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against ICRI guidance, ACI, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the restoration foreman, walking completed repairs after cure. When: After the repair mortar has cured and any curing protection comes off, before the surface is coated, sealed or handed over.

Placement and bond

- ☐ **Mortar consolidated and bonded with no voids**
Repair worked tight into the cavity and around reinforcement, no honeycomb or edge voids, full contact against the prepared substrate. 2 photos required
- ☐ **No drummy areas on sounding**
Cured repair sounded across its face and at the edges, ringing solid with no hollow or drummy response indicating debonding. 2 photos required

Finish and profile

- ☐ **Profile and finish match the surrounding surface**
Repair struck to the surrounding plane, texture and finish blended so the patch reads with the adjacent concrete, edges clean. 2 photos required

Cure and protection

- ☐ **Repair cured and protected as specified**
Curing method applied and held for the required time, protection in place against sun, wind or traffic, no premature shrinkage cracking at the perimeter. 1 photo required