READY TO INSPECT — FIELD CHECKLIST

Shotcrete punch checklist

Shotcrete punch is where small misses become callbacks after the crew has demobilized. This checklist walks the finished work the way the owner and the next trade will see it, with the photo that closes each item instead of a note that reopens it. Work is commonly verified against ACI, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The shotcrete foreman on repair, or the GC's superintendent closing structural punch on the shot surface. When: During closeout, after the surface has been sounded and defects flagged, before finishes or backfill go on.

Defect repair

- [ ] Drummy or sand-pocket areas sounded and repaired
  Hollow areas chipped back to sound material and re-shot or repaired, then re-sounded, not just filled at the face.
  No photo required
- [ ] Cold joints and reveals feathered and bonded
  Cold joints between placements cut, cleaned and feathered so the repair bonds and the surface reads continuous.
  1 photo required
- [ ] Marked low-cover and exposed-steel spots checked and repaired
  Every location marked at final chipped back and patched with the approved repair material; no bar, wire or rust stain left showing.
  No photo required
- [ ] Crack repairs match the engineer of record's direction
  Marked cracks injected, routed and sealed or otherwise repaired as the engineer of record directed, or recorded as left as-is by the engineer.
  No photo required

Patches and cleanup

- [ ] Core holes and test locations patched
  Core holes and any test cut-outs filled with the approved repair material and finished flush with the face.
  No photo required
- [ ] Patch texture blended into the surrounding face
  Repaired areas finished to the same texture as the surrounding shotcrete; ridges, trowel marks and patch edges dressed.
  No photo required
- [ ] Overspray cleaned off adjacent work, drains and weep holes
  Hardened overspray and rebound removed from adjacent finishes, and any wall drains or weep holes open through the shotcrete.
  1 photo required

Cure and signoff

- [ ] Repairs cured and surface released
  Repaired areas cured the same as the original work, punch closed with before-and-after photos before the surface is released.
  No photo required
- [ ] Repair list closed out with the special inspector or engineer
  Each repair location signed off by the special inspector, or accepted by the engineer of record where the statement requires, before the surface is covered.
  No photo required