READY TO INSPECT — FIELD CHECKLIST

Precast concrete punch checklist

Precast concrete 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 PCI guidance, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent closing structural punch items with the erector on a callback. When: During closeout, after other trades have worked around the panels and handling damage has shown itself.

Defects and patching

- [ ] Spalls, cracks and chips located and photographed
  A close shot of each spall, crack or chip plus a wide shot locating the panel on the elevation.
  2 photos required
- [ ] Patches placed and finished to match
  Patch material sound and bonded, texture and color worked to blend with the surrounding panel face.
  2 photos required
- [ ] Patch material label matches the precaster's repair procedure
  Repair mortar bag or kit label checked against the product the precaster's repair procedure names before any patch is mixed.
  No photo required
- [ ] Panel faces cleaned of grout, paint and overspray
  Each elevation walked for grout smears, paint overspray and efflorescence, cleaned with methods the precaster allows so the finish isn't etched.
  1 photo required

Later work and records

- [ ] Precast checked for coring and anchors not on the drawings
  Exposed members and connections looked over for holes, cores or anchors added by other trades; any not on the drawings reported to the EOR before patching.
  1 photo required
- [ ] Open items keyed to piece mark and elevation
  Each open item tied to its piece mark and elevation on the list so the erector's callback crew goes straight to it.
  No photo required
- [ ] Repair records assembled for turnover
  The precaster's repair procedure and before and after photos of each closed repair gathered for the turnover package.
  No photo required

Sealant and signoff

- [ ] Sealant at joints continuous and tooled
  Joint sealant full and tooled against clean substrate, no skips, gaps or three-sided adhesion.
  1 photo required
- [ ] No remaining precast items before area release
  All punch items on the elevation or zone closed with photos before the area is released to turnover.
  1 photo required