READY TO INSPECT — FIELD CHECKLIST

Polished concrete final inspection checklist

Polished concrete 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 ASTM concrete floor test methods, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The polishing crew lead with the GC's superintendent, walking the finished floor before protection goes down and before turnover. When: After the full grind, densify and polish sequence is finished, before the floor is covered for protection and before the owner's walk.

Aggregate exposure and cut

- [ ] Aggregate exposure consistent and to the approved look
  Exposure matches the approved mock-up across the whole floor, no bays cut deeper than others, edges worked to the same exposure as the field.
  2 photos required
- [ ] Floor walked at final sheen for color breaks at patches and joints
  Patches, filled joints and repairs viewed at the finished sheen for color and gloss difference from the slab, compared against the mockup, with any that stand out logged.
  1 photo required
- [ ] No grinder chatter, gouges or pad lines in the cut
  Surface looked at low and with a light for chatter marks, edge grinder gouges and lines where pads overlapped between passes.
  1 photo required

Densify and polish sequence

- [ ] Densifier applied and full grit sequence completed
  Densifier applied per the product and allowed to react, every grit step run in order with no skipped passes, swirl and haze polished out.
  1 photo required
- [ ] Guard applied at the listed coverage and burnished
  Guard from the approved submittal applied at the manufacturer's coverage with no puddles, streaks or roller marks, burnished to the finish the mockup shows.
  1 photo required
- [ ] Crew log shows every grit step and product by area
  Daily log lists the grits run, densifier and guard application times and products by area, matching the written sequence from the spec and mockup.
  No photo required

Sheen and clarity

- [ ] Sheen and clarity uniform across the floor
  Specified gloss level reached and even under raking light, reflection clear and consistent field to edge, no dull or blotchy areas.
  2 photos required
- [ ] Gloss or clarity reading taken against the spec's target
  Readings or the finish class check taken at spread locations the spec calls for, each recorded with its location against the target and the mockup.
  1 photo required

Joints and edges

- [ ] Joints finished as specified, filler flush where filled
  Filler shaved flush with the polished surface, color per the spec and mockup, no voids, pull-away or overfill smeared on the floor; open joints clean.
  1 photo required

- [ ] Dried slurry cleaned off wall bases, frames and drains
  No slurry or grinding dust left at wall bases, door frames, floor drains or in joints, so residue does not track back onto the polished floor.
  1 photo required

Protection and handover

- [ ] Protection laid over the cured guard before trades return
  Covering the guard manufacturer allows laid after the guard's cure time, taped with a tape that will not mark the finish, seams closed on cart routes.
  1 photo required
- [ ] Cleaner, pads and burnish schedule for the floor given to the owner
  Owner has the cleaner type, scrubber pads and burnishing frequency the guard manufacturer lists, and the cleaners that would etch or dull the floor.
  No photo required
- [ ] Densifier and guard product data and readings in the closeout file
  Product data, lot numbers, the grit sequence and the recorded gloss or clarity readings filed by area for the turnover package.
  No photo required