READY TO INSPECT — FIELD CHECKLIST

Gypsum concrete underlayment final inspection checklist

Gypsum concrete underlayment 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 manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the underlayment crew lead, before the flooring contractor takes the floor. When: After the pour has set and dried and before floor goods are installed, since moisture and soft spots trapped under finish flooring cause callbacks.

Thickness and hardness

- [ ] Thickness and coverage verified across the floor
  Depth checked at edges, penetrations and mid-span, meeting the specified minimum over the high point, full coverage with no exposed mat or deck.
  2 photos required
- [ ] Surface hard and sound, not dusting
  Surface scraped or scratch-tested for hardness, no soft or powdery areas, no drummy or hollow spots when sounded.
  2 photos required
- [ ] Surface flat to the flooring manufacturer's tolerance
  Straightedge run in several directions, gaps under it compared with the flatness the finish flooring requires, humps and dips marked for grinding or patch.
  1 photo required
- [ ] Doorway and corridor transitions meet without a lip
  Poured surface at unit doors, stair landings and elevator sills checked with a straightedge, any ridge or step marked for grinding or feathering.
  1 photo required
- [ ] Surface free of screed ridges, pinholes and trowel marks
  Finished face looked at in raking light for ridges, pinholes and rough patches that would telegraph through thin resilient flooring.
  1 photo required
- [ ] Strength test results on file where the spec calls for cubes
  Where the specifications require cube samples, the lab results for each pour date on file and compared with the specified strength.
  No photo required

Moisture

- [ ] Cured to the flooring manufacturer's moisture requirement
  Moisture tested by the method the flooring manufacturer requires, results meeting their limit and documented before floor goods are released.
  2 photos required
- [ ] Drying conditions kept up until the floor reaches its target
  Heat on and air moving as the manufacturer recommends, no plastic, stored material or pallets sitting on the floor and trapping moisture under them.
  No photo required

Cracking

- [ ] Floor checked for shrinkage and reflective cracks
  Surface walked for cracks, especially at deck joints and thin sections, cracks assessed before they're bridged by finish flooring.
  1 photo required

Protection and handoff

- [ ] Floor protected from traffic and point loads while it cures
  Traffic kept off until the manufacturer's walk-on time, then boards or runners along paths and under stored material so the surface isn't gouged.
  1 photo required

- [ ] Poured surface clear of other trades' mud, paint and sealant
  Drywall compound, paint drips, sealant and oil removed from the gypsum so the flooring primer or adhesive bonds to sound underlayment.
  1 photo required

- [ ] Ceiling below walked for slurry drips and leak staining
  Units and corridors under the poured floor checked for slurry that came through the deck, with any staining reported to the superintendent.
  No photo required

- [ ] Flooring primer or sealer for gypsum confirmed with the flooring trade
  The primer or sealer the flooring manufacturer requires over gypsum underlayment identified with the flooring contractor before the floor is handed over.
  No photo required

- [ ] Pour log, thickness checks and moisture results turned over
  Pour dates by unit, product used, thickness checks and moisture readings compiled for the flooring contractor and the closeout file.
  No photo required