READY TO INSPECT — FIELD CHECKLIST

Concrete slab moisture mitigation final inspection checklist

Concrete slab moisture mitigation 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, ASTM F3010 / F710 guidance. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the applicator, walking the coated slab before flooring is released over it. When: After the mitigation coat has cured and before any flooring or adhesive goes down, since the membrane is buried and unreachable after that.

Coverage and thickness

- [ ] Consumption and thickness meet the required rate
  Material used compared against the coverage rate for the area, wet or dry film thickness checked, no areas stretched thin to make the kit last.
  2 photos required
- [ ] Cure taken before anything goes over it
  Coat given its cure time and conditions per the system before recoat or flooring, surface hard and not tacky or soft underfoot.
  1 photo required
- [ ] Recoat and next-layer timing inside the system's window
  Coat dates checked against the recoat and overcoat window the manufacturer lists; a missed window abraded or reprimed per the instructions before the next layer.
  No photo required
- [ ] Cured surface free of blush, dust and oil film
  Coat wiped and looked at for a waxy or greasy blush, tracked-in dust and footprints, cleaned per the system before any primer, topping or adhesive goes on.
  1 photo required
- [ ] Top of the system matches what the flooring adhesive needs
  Primer, sand broadcast or cementitious layer over the membrane in place as the mitigation and flooring instructions require, so adhesive bonds to the tested surface.
  No photo required

Continuity and tie-in

- [ ] Continuous film with no holidays
  Coat unbroken across the field under raking light, no pinholes, skips or thin translucent spots, second coat where the system requires one.
  2 photos required
- [ ] Edges, penetrations and terminations tied in
  Coat carried up at walls, columns and penetrations and terminated as detailed, no gap at the perimeter where vapor could bypass the membrane.
  2 photos required
- [ ] Crack and joint details intact in the cured coat
  Each crack and joint on the map shows the treatment the system calls for, with no split, ridge or open line through the film above it.
  1 photo required
- [ ] Coat walked and tapped for blisters and soft spots
  Field walked and sounded for blisters, outgassing craters, lifted edges and soft areas; each one marked on the plan for repair before flooring.
  1 photo required

Verification

- [ ] Retest or bond check before flooring is released
  The system's confirmation step performed on the cured coat and the result on record before flooring is scheduled over the slab.
  1 photo required

- [ ] Every zone on the test map coated to its limits
  Each room and zone the moisture report put in the mitigation scope walked and found coated, the edge of the coat matching the limits on the plan.
  No photo required

Protection and records

- [ ] Cured coat protected from carts, lifts and stored material
  Protection board or a no-staging zone kept over the membrane until flooring starts, with any new scuff or cut marked for the applicator.
  1 photo required

- [ ] Applicator's log with batches, kits and conditions on file
  Log lists the areas coated, coat dates, batch numbers, kits used and the temperatures read, filed for the warranty and the closeout record.
  No photo required

- [ ] Mitigation warranty registration filed with its records
  Warranty paperwork the mitigation manufacturer requires sent in with the moisture report, product data and application log, and a copy kept for turnover.
  No photo required