READY TO INSPECT — FIELD CHECKLIST

Vehicular traffic coating final inspection checklist

Vehicular traffic coating 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 coating foreman, walking each completed bay before it opens to traffic. When: After all coats are down and cured and any specified flood or spray test is complete, before the deck is striped and opened to vehicles.

Coats and thickness

- [ ] Each coat applied and thickness verified
  Primer, base and wear coats all present, wet-film checked during application and material consumption reconciled against the coverage rate for the area.
  2 photos required
- [ ] Aggregate broadcast in the wear course
  Aggregate broadcast into the wet coat at the specified rate and locked in by the top coat, even texture across ramps and flat bays alike.
  2 photos required
- [ ] Cure reached before traffic
  Top coat cured per the recall time for the deck temperature, surface not tacky, before any load or vehicle is allowed on.
  1 photo required
- [ ] Time between coats kept within the recoat window
  Daily log shows each coat went down inside the maker's recoat window for the deck temperature; late coats abraded or re-primed per the maker.
  No photo required
- [ ] Loose aggregate swept and blown off before the top coat
  Unbonded aggregate removed from the cured wear coat so the top coat locks in what stays, with no loose grit or piles left along curbs and drains.
  1 photo required
- [ ] Heavy-duty build carried through ramps, turns and drive aisles
  Where the drawings zone the deck, the heavier build and extra aggregate run through ramps, turns and drive aisles, with the standard build in the stalls.
  No photo required

Detail coverage

- [ ] Coverage continuous at curbs, columns and walls
  Upturns at curbs, column bases and walls carried to the specified height, no thin spots or holidays at the base of the vertical.
  2 photos required
- [ ] Drains and joints tied in and sealed
  Coating turned cleanly into each drain, expansion joints and reglets sealed, no bridged or lifted edges at terminations.
  2 photos required
- [ ] Wear course texture even with no bald spots or pinholes
  Each bay walked in low-angle light; no smooth bald patches, pinholes, roller marks or aggregate clumps, especially in the drive lanes.
  1 photo required
- [ ] Overspray and tracked coating cleaned beyond the terminations
  Walls above the termination line, glazing, elevator sills, stair nosings and parked equipment free of drips, overspray and tracked material.
  1 photo required

Watertightness

- [ ] Flood or spray test performed where specified
  Test run per the specified method on the deck or bay, water held or sprayed for the required time, underside and edges checked.
  No photo required

- [ ] Any leaks traced, repaired and re-tested
  Entry point found, repair photographed, the same area re-tested and documented before signoff.
  No photo required

Opening to traffic

- [ ] Barricades held at each entry until the open-to-traffic time
  Entries to the bay still closed, with the cure date and opening time the coating foreman gave marked on the barricade.
  1 photo required

- [ ] Striping crew given the cure date and compatible paint
  Marking crew told when the top coat can take striping and which marking paint the coating maker lists as compatible with it.
  No photo required

- [ ] Bay-by-bay coating record compiled for the warranty
  For each bay: dates, lot numbers, material used against area, and any flood or spray test result, handed to the super for the warranty file.
  No photo required