READY TO INSPECT — FIELD CHECKLIST

Curtain wall final inspection checklist

Curtain wall 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 AAMA guidance, manufacturer's published instructions, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the curtain wall foreman, walking finished elevations before the owner's punch walk. When: After units are set and glazed and perimeter sealant has cured, before the swing stage or lift comes down and before turnover walks begin.

Alignment and framing

- [ ] Mullions plumb, level and in plane across the elevation
  Mullion lines checked for plumb and in-and-out plane, joint reveals consistent, no stepped units at floor lines.
  2 photos required
- [ ] Pressure plates and cover caps seated and fastened
  Plates continuous with fasteners set to the spacing the system calls for, caps snapped fully home, no sprung or short segments.
  2 photos required
- [ ] Stack and movement joints at floor lines left free to move
  Joint gap at each floor line at the dimension on the shop drawings, no sealant, fasteners or interior trim bridging it.
  1 photo required

Glass

- [ ] Glass free of cracks, chipped edges and coating defects
  Each lite viewed from inside and out; any crack, edge chip, scratch through the coating or failed insulating-glass seal logged by floor and bay.
  1 photo required
- [ ] Glass tint and spandrel read consistently across the elevation
  Elevation viewed from the ground in daylight, no spandrel read-through, sagging shadow box or a lite of visibly different tint in the field.
  1 photo required

Gaskets, seals and drainage

- [ ] Gaskets continuous and compressed at the pressure plate
  Gasket runs unbroken with corners cut and seated, visible compression against the glass edge, no rolled or pinched lengths.
  2 photos required
- [ ] Weep paths open through the drained cavity
  Weep holes and baffles clear at the horizontals, drainage path to the exterior face unobstructed, no sealant bridging the weeps.
  1 photo required
- [ ] Perimeter sealant continuous and tooled to the adjacent construction
  Full contact at the interface with backer rod at the correct depth, no voids or skips at heads, jambs and sills.
  2 photos required
- [ ] Transition membrane tied to the adjacent wall's barrier
  At jambs, heads and sills the curtain wall's transition membrane lapped and adhered to the adjoining air and water barrier, no gaps where the two systems meet.
  1 photo required
- [ ] Perimeter sealant adhesion checks logged
  Field adhesion pulls per the sealant manufacturer's method recorded by location and substrate, any failed spots cut out and re-sealed.
  No photo required

Water test and safing

- [ ] Field water test performed on an agreed sample of the wall
  Test run per the specified method on the agreed sample including a corner and an intermediate floor line, interior side watched and photographed during the test.
  3 photos required
- [ ] Any leaks traced, repaired and re-tested on the same area
  Entry point identified rather than the interior symptom chased, repair photographed, re-test documented on the same panel.
  2 photos required
- [ ] Perimeter safing and firestop complete at every floor line
  Slab-edge safing and smoke seal confirmed continuous around the full perimeter, no lengths left open behind finished units.
  2 photos required
- [ ] Spandrel insulation and safing-line backer in place at each floor
  Viewed from inside at the floor line: spandrel insulation held by its pins or clips, with the stiffener or backer the listed joint design shows, so the safing bears against it.
  1 photo required
- [ ] Water test report and retest results filed
  The tester's report with method, test area, observations and any retests logged for the architect's review.
  No photo required