READY TO INSPECT — FIELD CHECKLIST

Curtain wall rough-in inspection checklist

Curtain wall rough-in is the last time the work is fully visible. Once the cover inspection passes and the walls, ceilings and slabs close, every defect left behind becomes a demolition bill. This checklist walks the rough-in in the order the work goes in, with the photo each item needs before it gets buried. 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 curtain wall foreman laying out anchors ahead of the setting crew, or the GC's superintendent releasing the slab edge floor by floor. When: After the slab edge is poured and surveyed and before units are set, early enough that a mislocated embed can still be corrected with a supplemental anchor rather than field-welded blind.

Slab edge and embeds

- [ ] Slab-edge line surveyed and embeds located to the schedule
  Edge of slab checked against the control line, each embed or cast-in plate found within the position tolerance the anchor schedule calls out.
  2 photos required
- [ ] Slab-edge condition sound where anchors land
  No spalls, honeycomb or thin cover at the plate; edge concrete solid enough to develop the anchor.
  2 photos required
- [ ] Out-of-tolerance embeds logged and sent to the wall engineer
  Each embed outside the schedule's tolerance listed with floor, gridline and measured offset, and the delegated engineer's fix recorded before anchors go on.
  No photo required

Anchorage

- [ ] Anchor type, size and weld or bolt-up per the anchor schedule
  Anchor assembly matches the engineered schedule for that spandrel, weld size and length or bolt torque verified before load.
  2 photos required
- [ ] Shim stacks and adjustment within the allowed range
  Shim material and stack height inside the range the detail permits in and out, up and across, nothing bridged with unauthorized packing.
  2 photos required
- [ ] Anchor hardware marks match the approved submittal
  Bolt head markings, clip material and finish photographed and matched to the anchor submittal, no substituted hardware from the jobsite bin.
  1 photo required
- [ ] Dead-load and slotted wind anchors set where the drawings show
  Dead-load anchors at the points the shop drawings locate them; slotted wind anchors left free to slide, bolts set snug as detailed, not welded or fully tightened.
  1 photo required
- [ ] Aluminum isolated from steel at every anchor
  Isolator pads, sleeves or coating in place between aluminum clips or frames and steel anchors, per the approved anchor details.
  1 photo required
- [ ] Anchor weld or bolt inspection report on file for the floor
  The special inspector's or testing agency's report for this floor's anchor welds or bolt-up logged before units are hung on them.
  No photo required

Slab-edge safing and smoke seal

- [ ] Perimeter fire-safing packed continuous at the slab edge
  Safing insulation full-depth and continuous in the gap between the slab edge and the back of the wall, no open lengths left behind the anchors.
  2 photos required

- [ ] Smoke seal installed over the safing before units cover it
  Continuous smoke seal over the safing at each floor line, tooled tight to slab and back-pan while the joint is still reachable.
  2 photos required

- [ ] Listed perimeter joint design matched to the spandrel details
  The listed perimeter joint design the safing will follow checked against the anchor clips, spandrel backer and design joint width on the shop drawings before units are set.
  No photo required

Material staged for setting

- [ ] Delivered units and glass marked to the setting drawings
  Unit or member marks matched to the setting drawings for the floor, glass labels checked against the glass schedule before each lite is set.
  1 photo required

- [ ] Stored units racked, protected and back from the slab edge
  Units or frames in their racks with finishes and glass protected, stacks set back from open slab edges and secured against wind.
  1 photo required