

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

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

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