READY TO INSPECT — FIELD CHECKLIST

Rainscreen cladding rough-in inspection checklist

Rainscreen cladding 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 the applicable building/energy code, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The cladding crew setting the sub-framing, or the GC's superintendent walking the wall before the drainage cavity is closed by panels. When: After the WRB is on the sheathing and clips and furring are laid out, before the first panels go up and cover the cavity.

Subframe materials and layout

- [ ] Clip, girt and isolator labels match the approved submittal
  Box and bundle labels for clips, girts, thermal isolators and fasteners read the product, alloy or coating and gauge listed on the approved submittal.
  1 photo required

- [ ] Clip spacing at corner and edge zones taken from the shop drawings
  Approved shop drawings on hand show clip spacing and girt span for this elevation, including the tighter spacing at corners, parapets and wall edges.
  No photo required

- [ ] Scaffold or lift set for this elevation per the site plan
  Scaffold, mast climber or lift located where the site logistics plan shows, with tie points planned so ties do not land where panels will close over them.
  No photo required

Water-resistive barrier tie-in

- [ ] WRB continuous and shingle-lapped into openings
  Barrier lapped over the sheathing in weatherboard fashion, tied into window and door flashing, no reverse laps or open seams behind the sub-framing.
  2 photos required

- [ ] Barrier trade's release for this wall on file before clips go on
  The barrier installer or GC has released the elevation, with any open membrane items listed, so clips are not set over unfinished or uncured barrier.
  No photo required

- [ ] Barrier undamaged at every clip and bracket location
  No tears, blisters or fishmouths where clips will bear; damaged spots marked and repaired by the barrier crew before the clip covers them.
  1 photo required

Clips, girts and furring

- [ ] Clips and furring anchored true to plane and on layout
  Clips and girts fastened to structure on the specified spacing, furring shimmed to a true plane, thermal spacers where the detail calls for them.
  2 photos required

- [ ] Clip-to-wall bearing matches the system detail at every clip
  Thermal isolator pad or sleeve, or the bare bearing the detail shows, seated full under each clip; no cracked isolators or pads pushed aside by the fastener.
  1 photo required

- [ ] Clip fasteners land in studs, slab edge or backup framing
  Fastener type and embedment per the approved shop drawings, driven into the structure the detail names; fasteners that missed framing marked and replaced.
  1 photo required

- [ ] Girt splices and slotted holes left free for thermal movement
  Girt ends gapped at splices as the manufacturer details, slotted-hole fasteners set so the girt can slide, fixed points only where the shop drawings show them.
  1 photo required

Fastener penetrations

- [ ] WRB penetrations at fasteners sealed per the detail
  Fasteners through the barrier sealed or gasketed where the assembly requires it, no unsealed punctures left in the drainage plane.
  1 photo required

- [ ] Barrier checked for abandoned fastener holes around each clip
  Holes left by pulled, stripped or relocated fasteners found and patched with the barrier maker's tape or sealant before the clip or insulation hides them.
  1 photo required

Continuous insulation

- [ ] Insulation board labels match the approved submittal
  Bundle labels show the board type, thickness and facing on the approved submittal and the thickness drawn on the wall section.
  No photo required

- [ ] Boards cut tight around clips with joints butted
  Insulation notched neatly around each clip and bracket, joints butted with no open gaps, staggered or taped where the insulation manufacturer calls for it.
  No photo required

- [ ] Insulation retainers on the manufacturer's pattern
  Boards held with the specified washers, pins or clips on the pattern the manufacturer lists, flat to the barrier with no bowing out toward the cavity.
  No photo required