READY TO INSPECT — FIELD CHECKLIST

Below-grade waterproofing rough-in inspection checklist

Below-grade waterproofing 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 manufacturer's published instructions, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The waterproofing foreman checking the wall ahead of the membrane crew, or the GC's superintendent releasing the foundation for waterproofing. When: After the wall is stripped and cured and details are patched, before the membrane goes on and while every detail is still reachable.

Access and materials

- [ ] Protected access to the wall confirmed before the walk
  Crew and phone holder reach the wall only by the sloped, benched or shored route the competent person cleared today; nobody steps into an unprotected cut for a photo.
  No photo required

- [ ] Product labels at the wall match the approved system
  Membrane rolls, fluid pails, bentonite panels or crystalline bags carry the product names on the approved submittal, with lot numbers readable on the label.
  1 photo required

- [ ] Membrane stock stored dry and off the ground
  Rolls, panels and pails kept on pallets, covered and out of standing water at the laydown area, bentonite never left where rain or groundwater can hydrate it early.
  1 photo required

Substrate condition

- [ ] Substrate cured, sound and clean
  Wall cured to the manufacturer's requirement, dry where a dry substrate is required, free of laitance, form oil, fins and loose material.
  2 photos required

- [ ] Cant or fillet formed at the footing-to-wall joint
  Cant or fillet installed at the inside corner where the wall meets the footing so the membrane turns the corner without bridging a sharp angle.
  No photo required

- [ ] Footing top cleared for the membrane turn-down
  Mud, gravel, form blocking and sloughed soil cleared off the footing top and wall base, so the membrane runs down onto clean concrete as the detail shows.
  1 photo required

- [ ] Surface prep matched to the system type on this wall
  Prep follows the approved system: primed and dry for sheet or fluid membranes, saturated surface-dry for crystalline, clear of standing water for bentonite.
  No photo required

- [ ] Blindside sheet fastened and lapped before the wall is formed
  On pre-applied walls, sheet fastened to the lagging or shoring in the manufacturer's pattern, laps sealed and fastener heads patched before rebar and forms go in.
  No photo required

Wall defects

- [ ] Tie holes and cold joints detailed
  Form-tie holes filled and cold joints treated with the specified detail material, honeycomb cut out and patched, before the field membrane.
  2 photos required

- [ ] Wall face walked and cracks marked before coverage
  Each foundation wall walked end to end, cracks traced with marker along their length and the wider ones flagged against the system's crack-bridging limit.
  1 photo required

- [ ] Wall construction joints matched to the drawings
  Horizontal and vertical pour joints found on the wall and matched to the drawings, with the concrete crew's waterstop confirmed there before the joint strip goes on.
  No photo required

Penetration detailing

- [ ] Penetrations detailed and reinforced
  Pipes, sleeves and conduit sealed and reinforced with the detail piece the system calls for, collars tight before the field sheet or coat laps over.
  2 photos required

- [ ] Corners and transitions reinforced
  Inside and outside corners and material transitions reinforced with the specified strip or detail before the field application.
  1 photo required

- [ ] Every wall penetration in place before the membrane
  Sleeves, pipes and conduit through the foundation wall set and counted against the drawings with the MEP trades, so nothing is cored through finished waterproofing.
  No photo required