

Waterproofing rough-in inspection checklist

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

Who runs it: The waterproofing foreman walking each lift, or the GC's superintendent before backfill or tile is released. When: Per lift and per area: after substrate prep, after membrane application, and after protection course, before anything covers the work.

Before application

- ☐ **Approved system submittal and details on site**
The approved product data and the manufacturer's details for terminations, penetrations and drains available to the crew, matching the material delivered. No photo required
- ☐ **Temperature and weather within the product's limits**
Air and surface temperature read and compared to the manufacturer's application range, with no rain expected inside the product's cure window. 1 photo required

Substrate

- ☐ **Substrate clean, dry and within tolerance**
No standing water, mud, fins or voids; surface profile matches what the membrane system requires. 2 photos required
- ☐ **Cracks, joints and transitions pre-treated**
Detail coat, strip or sealant at cracks, cold joints and inside corners before the field membrane. 2 photos required
- ☐ **Substrate cure or moisture reading within the membrane's limit**
Concrete cure age, or a moisture meter reading on concrete, block or board, taken where the membrane goes and compared to the manufacturer's value, location noted. 1 photo required
- ☐ **Form tie holes filled flush before membrane**
Where the wall is cast concrete, every tie hole packed with the specified patching material and struck flush, no open cones or projecting tie ends. No photo required

Membrane application

- ☐ **Membrane thickness or ply count matches the spec**
Wet mil gauge readings or ply count verified at multiple points per area, not just at the starting edge. 2 photos required
- ☐ **Laps oriented to shed water and rolled tight**
Side and end laps shingled in the drainage direction, no fishmouths, no unbonded edges. 2 photos required
- ☐ **Terminations and penetrations per the system detail**
Termination bars, counterflashings and penetration boots match the manufacturer's detail for that condition. 3 photos required
- ☐ **Drain flanges clamped or bonded to the membrane**
Where a drain sits in the membrane, it is carried onto the drain body flange and held by the clamping ring or bonded as the drain and membrane details show. No photo required
- ☐ **Membrane fully bonded with no wrinkles, blisters or pinholes**
Sheets rolled flat with wrinkles and bridged inside corners cut out and patched; fluid-applied coats free of pinholes, blisters and thin spots. 1 photo required

