

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.

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. 2 photos 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

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