

Waterproofing inspection checklist

Waterproofing is the definition of concealed work: the moment it is doing its job, nobody can see it. The record made during installation is the only thing that will ever explain a leak, so build the walk around the details, not the field.

Who runs it: Waterproofing applicator with the GC; a manufacturer's representative where the warranty requires one. When: Before backfill below grade, before topping or protection board on decks, and before tile or finish in wet areas.

Substrate

- ☐ Surface sound, clean, dry and cured to the required age
No laitance, no form release, no honeycomb left unpatched. 2 photos required
- ☐ Cracks, tie holes and voids repaired
Each repair photographed before it is covered. 2 photos required
- ☐ Cove and fillet formed at inside corners
Continuous, correctly sized, no gaps at the wall-to-slab joint. 1 photo required

Detailing before the field coat

- ☐ Reinforcement at corners, joints and transitions
Detail work done first, photographed before the field membrane covers it. 3 photos required
- ☐ Every penetration detailed individually
One photo per pipe, sleeve, drain and anchor: collars sealed and reinforced. 3 photos required
- ☐ Drains set at the low point and clamped correctly
Membrane carried into the clamping ring; weep holes clear. 2 photos required

Membrane and termination

- ☐ Applied at the specified thickness or lap width
Wet mil readings for liquid systems, lap width for sheet systems: record the number. 2 photos required
- ☐ Terminations sealed and mechanically secured where required
Reglet, bar or counter-flash at the top; nothing left with an open edge. 2 photos required
- ☐ Protection board or drainage layer installed before backfill
Full coverage, no punctures, no exposed membrane left in the sun. 2 photos required

Testing

- ☐ Flood test held for the required duration
Photograph the water in place, the depth marker, and the clock at start and end. 3 photos required
- ☐ Underside inspected during and after the test
Walk the space below during the hold, not only afterwards. 2 photos required
- ☐ Repairs re-tested and documented
A second test record for any area that failed the first. 2 photos required