

Under-slab vapor retarder pre-pour inspection checklist

A under-slab vapor retarder pre-pour inspection is the last look at everything the concrete is about to bury: reinforcement, embeds, sleeves, vapor barrier. Once the truck arrives there is no recheck, so this checklist walks the placement in pour order with the photo each item needs before the pour starts. Work is commonly verified against ASTM vapor retarder standards, ACI concrete guidance, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The concrete foreman placing the retarder with the GC's superintendent, at the hold point right before the pour is released. When: After the retarder is laid, lapped and reinforcing is set, immediately before concrete is placed — the last moment the sheet is visible.

Continuity and laps

- ☐ Sheet continuous with laps sealed to the specified width
Seams overlapped the full specified width and sealed or taped continuously, no open or loose laps, sheet unbroken across the pad. 2 photos required

Penetrations sealed

- ☐ Every penetration booted and sealed to the sheet
Pipes, conduit and stub-ups sealed to the retarder with boots or detailed tape, no open cuts left around any penetration. 2 photos required

Damage and edge tie-in

- ☐ Tears patched and the sheet tied in at the perimeter
Traffic tears and punctures patched with matching material, sheet turned up and sealed at the slab edge or footing before the pour is released. 2 photos required