

Concrete slab moisture mitigation rough-in inspection checklist

Concrete slab moisture mitigation 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, ASTM F3010 / F710 guidance. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The mitigation applicator's lead confirming the slab is ready, or the GC's superintendent releasing the slab before the coat starts. When: After the slab is tested and prepped and before the first mitigation coat, while a wrong system pick or a missed crack can still be caught.

Moisture and system selection

- ☐ **Slab moisture or RH result drives the system**
Current in-situ RH or moisture reading on record, the mitigation system selected matching that result and the flooring to go over it, not an assumed value. 2 photos required
- ☐ **Slab clean, dry and free of bond-breakers**
No curing compound, sealer, adhesive residue or dust left on the surface that would stop the coat from bonding to the concrete. 1 photo required

Surface preparation

- ☐ **Profile achieved across the whole slab**
Prep taken to the profile the system calls for over the full area including edges and corners, verified against the reference, not just in the open field. 2 photos required
- ☐ **Cracks and joints treated before the coat**
Moving cracks and control joints filled or detailed per the system rather than coated over, treatment carried into the joint as specified. 2 photos required