

Spray polyurethane foam insulation final inspection checklist

Spray polyurethane foam insulation final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. 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 GC's superintendent with the applicator, walking sprayed bays before they're closed with board or cladding.

When: After the foam has fully risen and cured and been trimmed, before any face is installed over it, while a depth probe can still reach every cavity.

Thickness and coverage

- ☐ **Applied thickness verified by depth probe**
Foam depth probed at multiple points across each bay and compared to the specified thickness, thin spots marked for a second lift. **2 photos required**
- ☐ **Full coverage with no voids or missed areas**
Every cavity, corner and penetration filled, no bare framing, gaps or skips where a pass was missed. **2 photos required**

Adhesion and trim

- ☐ **No pull-away at framing**
Foam bonded tight to studs, plates and sheathing with no shrinkage cracks or pull-away gaps at the edges. **2 photos required**
- ☐ **Foam trimmed flush and cut back at electrical boxes**
Overfill shaved flush to the framing where board must sit flat, foam cut clear of electrical boxes and device openings. **1 photo required**

Barriers

- ☐ **Ignition or thermal barrier coordination noted**
Where the foam is left exposed, the required ignition or thermal barrier is confirmed as coming and the location noted, so no exposed foam is left uncovered where a barrier is called for. **1 photo required**