READY TO INSPECT — FIELD CHECKLIST

# Spray-applied fireproofing final inspection checklist

Spray-applied fireproofing 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 AWCI guidance, 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 fireproofing foreman, walking each bay before ceilings and MEP close it in. When: After the SFRM has set and before overhead trades hang ductwork, pipe and ceiling grid that would bury uncoated gaps.

## Thickness and density

- [ ] Applied thickness read on a depth-gauge pattern
  Depth-gauge readings taken across the specified grid on beams, columns and joists, thin areas flagged for a second pass rather than averaged away.
  3 photos required
- [ ] Density and bond observed on cured material
  Cured SFRM firm and cohesive, not powdery or crumbling, adhered to the steel where checked with no drummy or hollow spots.
  2 photos required

## Coverage

- [ ] Full coverage at connections, beams and columns
  Beam-to-column joints, bolted connections, clip angles and column webs fully encased with no bare steel showing through.
  2 photos required
- [ ] Metal deck and joist coverage complete
  Flutes and the underside of composite deck coated to the required build, top flanges of joists and beams not shadowed or missed.
  2 photos required
- [ ] Each sprayed member coated end to end, bearing ends included
  Beams sprayed tight to the girder or column at both ends and columns carried slab to deck, with no gap at bearing seats or behind wall track.
  1 photo required
- [ ] Tight spots coated where framing, shafts or cladding crowd the gun
  Spandrel beam faces, steel behind head-of-wall track and members at shaft walls reached and built up, not left thin because the nozzle couldn't get square.
  1 photo required

## Cured coat

- [ ] Cure time passed before sampling or overhead work
  The cure period the manufacturer lists has run with heat and ventilation kept on before the area is sampled or trades start hanging from it.
  No photo required
- [ ] Coat checked for water, freeze and wash-out damage
  Material not softened, streaked or eroded by roof leaks, rain through openings or frost; wet or damaged areas dried and re-checked before close-in.
  1 photo required
- [ ] Finish texture matches the specified finish in exposed areas
  Sprayed, rolled or troweled texture as the contract documents call for where the steel stays in view, with no tamping that thins the build.
  No photo required

## Cleanup

- [ ] No fallout and overspray cleaned from adjacent work
  No loose material lying on deck or hangers, masked items uncovered clean, floor swept so fallout isn't tracked into finished areas.
  1 photo required

- [ ] Empty bags, pallets and pump washout removed from the floor
  Bags, wrap and pallets hauled off and the pump and hoses washed out where the super allows, with no washout left in floor drains, sleeves or on the deck.
  No photo required

## Inspection and release

- [ ] Special inspection called for each finished floor or area
  Request lists the floor and gridlines complete, so the special inspector samples thickness, density and bond and issues a report before overhead trades move in.
  No photo required

- [ ] Items in the special inspector's report corrected and re-reported
  Each thin, soft or poorly bonded location on the report re-sprayed by the applicator and shown closed on a follow-up report before ceilings go in.
  No photo required

- [ ] Density and bond test spots patched to full build
  Each spot where the inspector cut a density sample or pulled a bond test re-sprayed or troweled to full build, so test holes aren't left bare under the ceiling.
  1 photo required