READY TO INSPECT — FIELD CHECKLIST

Spray-applied fireproofing rough-in inspection checklist

Spray-applied fireproofing 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 AWCI guidance, the applicable building code, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The fireproofing foreman walking the steel ahead of the spray crew, with the GC's superintendent releasing the area. When: After the steel is erected, bolted and welded off and before the spray crew mobilizes to a bay, early enough that a primer conflict or oily beam can still be corrected.

Area release and materials

- [ ] Bay released to the spray crew in writing by the GC
  The superintendent's release names the floor and gridlines and confirms steel, decking and overhead attachments are ready, so the crew isn't spraying ahead of other trades.
  No photo required
- [ ] Bag labels on the floor match the approved SFRM submittal
  Product name, type and lot on the delivered bags match the approved submittal; bags dry, unopened and within the shelf life the manufacturer prints.
  1 photo required
- [ ] Special inspector told when spraying starts on this floor
  The special inspection agency has the start date and area, so it can schedule the thickness, density and bond sampling it performs and reports on.
  No photo required

Substrate condition

- [ ] Steel clean and primer compatibility confirmed
  Beams and columns free of oil, loose scale and dust; where primed, the primer identified and confirmed compatible with the SFRM in writing.
  2 photos required
- [ ] Field bond test performed on the actual substrate
  A sample sprayed and pulled or scraped on representative steel, adhesion observed before the crew commits to the bay.
  2 photos required
- [ ] Steel and deck dry, with no condensation or frost
  Flanges, webs and the deck underside dry to the touch, no rainwater, frost or sweating on cold steel; wet members dried out before the gun starts.
  1 photo required

Attachments before spray

- [ ] Hanger clips and beam clamps installed ahead of spray
  Clips, beam clamps and hanger tabs for duct, pipe, conduit and ceiling supports on the steel in this bay, so nobody clamps through cured material later.
  1 photo required
- [ ] Attachments that must follow the spray logged for patching
  Any hanger or support a trade can't install before spray noted by trade and gridline with the super, so the patch walk works from a list.
  No photo required

Conditions and enclosure

- [ ] Ambient temperature and ventilation within limits
  Air and steel temperature within the manufacturer's spray and cure range, ventilation available to carry off moisture during set.
  1 photo required
- [ ] Enclosure and preceding work complete
  Deck and roof watertight over the bay, welding and bolt-up signed off so nothing gets cut or torqued after the coating goes on.
  1 photo required
- [ ] Spray zone barricaded and closed to other trades
  Bay roped off and signed while spraying, nobody working below the spray line, floor openings and shafts covered against fallout.
  1 photo required
- [ ] Mix water and pump settings set to the manufacturer's values
  Water ratio and pump or nozzle settings match the manufacturer's instructions so the material reaches its density, noted at the start of each shift.
  No photo required

Masking and protection

- [ ] Items not to be coated masked or covered
  Sprinkler heads, threaded rod, hanger inserts, gauges and finished surfaces masked so overspray can be cleaned back to bare.
  2 photos required
- [ ] Slab and installed work below the spray zone covered
  Poly or board over the slab, installed ductwork, electrical gear and window frames under the spray area, taped so fallout doesn't bond to them.
  1 photo required
- [ ] Members the drawings leave unprotected identified to the crew
  Lintels, exposed architectural steel and any member the fire-resistance drawings leave bare marked or listed, so it isn't sprayed by habit.
  No photo required