

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.

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

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

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