

Sprayed fire-resistive materials (SFRM) special inspection checklist

Fireproofing is only as good as its thickness, density and bond — and finishes hide all three. The independent inspector confirms the substrate, witnesses the testing, and records the results before the assembly is enclosed.

Who runs it: A third-party or owner's-rep special inspector for fire-resistive materials, with the applicator. When: After the structure is accepted and the substrate is ready, during application, and before the assembly is enclosed.

Substrate and materials

- ☐ Structural work below the fireproofing is complete and accepted
Bolting, welding and any structural signoffs are closed before coating begins.2 photos required
- ☐ Substrate clean and prepared to receive the material
Surfaces free of oil, loose scale and incompatible primers per the listing.1 photo required
- ☐ Material and listing match the required assembly rating
Product and application match the tested assembly for the required hourly rating.1 photo required

Application and verification

- ☐ Applied thickness verified at the specified frequency
Thickness gauge readings taken across members and recorded with locations.3 photos required
- ☐ Density verified where required
Density samples or tests witnessed and recorded against the specified value.2 photos required
- ☐ Bond and cohesion checked where required
Adhesion/cohesion testing performed at the specified frequency.1 photo required

Patching and closeout

- ☐ Damaged and patched areas repaired and re-verified
Areas disturbed by other trades patched to the same thickness and re-recorded.2 photos required