

# Floor Protection Methods for residences

Method Type	Inspection	In violation when-
2"x10" nominal lumber or Structural composite lumber or other approved equivalent floor assemblies	2"x10" or larger floor joists or structural composite lumber	Anything other than 2"x10" /structural composite lumber used for floor joists
No-burn spray	Applied spray/Tag/Certificate	Applied over wires/pipes/ducting
No fuel fired or electric powered appliances	No fuel fired/electric powered appliances water heater/furnace/boiler	Appliances in the crawlspace without protection
Crawlspace access minimum size	Access minimum size 18"x24"	-If access is bigger than 18"x24" it can be used for storage -Concrete slab has been poured in crawlspace is considered as storage area
½" Drywall or 5/8" structural panel on bottom of floor joists	½" drywall -area limited to 80 sqft unprotected -Fireblocking installed(302.11.1) along the perimeter of the unprotected portion to separate the unprotected portion from the remainder of floor assembly	½" drywall or 5/8" wood structural panel is missing on joists other than 2"x10" or structural composite lumber
Engineered P2904/NFPA 13 D system	Sprinklers with engineered drawings	No sprinklers or installation is different from the drawing
Joists made with applied fire protection. From the manufacturer	Applied fire protection and certification from manufacturer	No Certification or incorrectly applied fire protection
ICC ES Report ESR-1405 as it applies to Manufactured Joists Options FR-01-07, Fr-09	Have report on site for method inspection- verification	Not installed as listed and tested No report on site.