



Residential Asphalt Shingle Re-Roofing Requirements

- **Firestone Adopted Building Code: 2018 Firestone Residential Code, 2018 IRC**
- The homeowner may pull a roof permit without obtaining a contractor's license, provided the house is the primary residence and no contractor will perform the work.
- **R109.3 Inspection requests. Access to the roof for inspection.** The contractor or homeowner shall set and secure a ladder for any required inspection. Access shall be provided to all levels. ***All ladders must be OSHA approved - telescoping ladders are NOT acceptable.*
- **R908.3.1.1** Where the existing roof has two or more applications of any roof covering, all old material must be removed. Roof recover is not allowed.
- **R905.1.2. Ice barriers** are REQUIRED. The ice barrier shall extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building.
- **R905.2.1 Sheathing requirements.** Asphalt shingles shall be fastened to solidly sheathed decks.
- **R905.2.8.5 Drip edge.** A drip edge is required on all edges, including rakes. Minimum of 2" overlap
- **Table R905.1.1 (2).** Double underlayment is required for pitches of 2:12 up to 4:12.
- **R905.2.2 Slope.** Asphalt shingles shall be used only on roof slopes of two units vertical in 12 units horizontal (17- percent slope) or greater.
- **R905.2.8.3 Sidewall flashing.** *Sidewalls must be step flashed; continuous flashing at sidewalls is NOT acceptable.*
- **R904.1 Scope.** All materials must be installed per the manufacturer's approved installation instructions.
- **R105.2.11 Work exempt from permit.** Repair of less than 10x10 (100 sq. ft.) No permit is required.
- **R908.5 Reinstallation of materials.** Reinstallation of existing materials - Any existing flashings or similar, damaged, or deteriorated shall be replaced.
- **IRC Table R301.2 (1).1 Climatic Design Criteria & Table R905.2.4.1** Asphalt shingles shall be classified for 115 mph sustained wind.
- **R806.1 Ventilation required.** Roof ventilation is required per the calculations of R806.1
- **P3103.1.1.** Plumbing vent stacks, Open vent pipes must extend 6 inches above the anticipated snow accumulation. Or a minimum of 12" above the roof surface.

REQUIRED INSPECTIONS:

MID-ROOF

- ✓ All elevations are to be dried in. (*Ice & Water, Drip edge, & underlayment*).
- ✓ No more than 25% of the roof can be complete during the time of inspection.
- ✓ Drip edge installed per code: 2" overlapped if you are mating two pieces together.
- ✓ Drip edge fastened a minimum of 12" on-center.
- ✓ Ice & Water installed 24" inside the exterior wall. **If you have a deep front/back porch, you may need more courses to achieve a minimum of 24" inside that exterior wall.*
- ✓ Ice & Water installed over the drip on the eaves and underlayment under the drip edge on rakes.

FINAL ROOF