



Residential Asphalt Shingle Re-Roofing Requirements for the Town of Firestone, Colorado.

- **Building Code:** The current Firestone adopted 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.
- Where the existing roof has two or more applications of any type of roof covering, all old material must be removed. **R908.3.1.1 Roof recover not allowed.**
- Ice barriers. (Ice and water shield) IS REQUIRED. **2018 IRC R905.1.2.**
- Asphalt shingles shall be fastened to solidly sheathed decks. **R905.2.1 Sheathing requirements.**
- Drip edge required on all edges including rakes. **R905.2.8.5 Drip edge.**
- Double underlayment is required for pitches of 2:12 up to 4:12. **Table R905.1.1 (2).**
- Asphalt shingles shall be used only on roof slopes of two units vertical in 12 units horizontal (17- percent slope) or greater. **R905.2.2 Slope.**
- *Sidewalls must be step flashed, Continuous flashing at sidewalls is NOT acceptable.* **R905.2.8.3 Sidewall flashing.**
- Access to the roof for inspection. A ladder must be set and secured by the contractor or homeowner for the required inspection. **R109.3 Inspection requests.**
- All materials must be installed per manufacturers' approved installation instructions. **R904.1 Scope.**
- Repair of less than 10x10 (100 sq. ft.) is okay and no permit is needed. **IRC 105.2.11 Work exempt from permit.**
- Re-installation of existing materials - Any existing flashings, edgings, outlets, vents, or similar devices that are a part of the assembly shall be replaced where rusted, damaged, or deteriorated. **R908.5 Reinstallation of materials.**
- Asphalt shingles shall be classified for 115 mph sustained wind. **IRC Table R301.2 (1).1 Climatic Design Criteria & IRC Table R905.2.4.1**
- Roof ventilation is required per the calculations of **R806.1 Ventilation required.**

- Plumbing vent stacks, Open vent pipes must extend 6 inches above the anticipated snow accumulation.
Or a minimum of 12" above the roof surface **P3103.1.1.**