



## City of Idaho Springs Building Department

### Residential Roofing Requirements

1. A permit shall be required on any re-roofing project or any roof repair that requires more than 25% of the roof to be replaced.
2. Overlays are not allowed. All re-roofing projects must be a tear off and replace.
3. Asphalt shingles shall meet the ASTM D-3161 Class A, D, or F Testing Installation requirements or ASTM D 7158, Class G or H
4. Drip edge flashing is only required on the eaves. No rake metal required unless roof boards are exposed to the weather.
5. If roof decking is spaced more than ½” between boards, new roof sheathing will also be required. Please refer to the manufactures specifications on roof decking requirements for manufactures warrantee.
6. Fasteners; roofing nails that extend through the underside of the roof sheathing, or a minimum of ¾” into the roof decking.
7. Inspector shall verify the ASTM testing standards imprinted on the shingle packaging.
8. Ice Barrier is required.
9. Valley linings
  - a. Open Valleys-shall be metal at least 24” wide of any corrosion resistant metal.
  - b. Open Valleys-2 plys of mineral surfaced roll roofing. Bottom layer shall be 18” wide, top layer shall be 36” wide.
  - c. Closed Valleys-lining can be 1 layer of smooth roll roofing and at least 36” wide. A self-adhering polymer modified bitumen underlayment shall be permitted in lieu of the lining material.
10. Mid-Roof required, a ladder must be on-site; tied off the roof for inspection.

### The City of Idaho Spring's Design Criteria

- 100 MPH, 100 3-SECOND GUST
- WIND EXPOSURE CATEGORY “B”