

## Roofing Information

Job. Address: \_\_\_\_\_

If residential, specify type of structure:

 Primary Residence    Guest House    Detached Garage    Barn    Shed    Other \_\_\_\_\_

Existing Roof Material: \_\_\_\_\_ New Roof Material: \_\_\_\_\_

Number of squares to be replaced (one roofing square equals 100 square feet): \_\_\_\_\_

**Where installing standard weight tile over a roof where the existing roof covering was not standard weight tile, a structural evaluation letter from a Colorado Registered Structural Engineer shall be submitted with this application.**

**Roof replacement shall include the removal of existing layers of roof coverings down to the roof deck.**

**All damaged or rusted flashing shall be replaced.**

**Underlayment shall comply with IRC Section R905.1.1(1)(2)(3) or IBC Section 1507.1.1(1)(2)(3).**

**Roof ventilation shall be provided in accordance with the IRC/IBC.**

## Contact Information

Property Owners Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_

Roofing Contractor: \_\_\_\_\_ DC Registration #: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_ Email: \_\_\_\_\_

\* For all work done under this permit, the Permittee accepts full responsibility for compliance with all adopted codes, Manufacturer's specifications, and all other applicable requirements.

\* Workload and/or inclement weather conditions may delay the inspection process.

\* Mid-roof inspections will be performed on the next business day when requested prior to 3:30 pm

Project Valuation to include

labor and materials: \$ \_\_\_\_\_

Permit Fee: \$ \_\_\_\_\_

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**To schedule inspections call 303-660-7497 or visit our website at [www.douglas.co.us](http://www.douglas.co.us)**

\*Drip Edge – Code 58

\*Mid-roof - Code 60

\*Roofing – Code 34 (Final Inspection)

## Frequently Asked Questions

What code edition is Douglas County using?

2018 IBC, IRC as amended.

Do I need a permit for roof repairs?

For minor repairs or replacing less than 1 square (100 square feet) of the roofing, a permit is not required.

Do your roofing inspectors carry ladders?

No, the permit holder shall provide a ladder in accordance with OSHA standards for access to the roof.

Is ice barrier underlayment required at the eaves?

Yes, when the structure is located above 7000 feet USGS elevation.

Is kick out flashing required?

Yes, kick out flashing is required on all side walls.

What happens if there is inclement weather on the day of my inspection?

The inspection is cancelled by Douglas County and must be rescheduled by the permit holder.

### Asphalt Shingle Roofing FAQ's

Is drip edge flashing required on the eaves and rakes?

Yes, a minimum of 4"x2" on eaves and 2"x1" or D style edge metal on rakes.

Does Douglas County require high wind nailing?

Yes, when the structure is located above 7000 feet USGS elevation.

What is the maximum number of layers of asphalt shingles permitted?

One layer. Asphalt shingled roofs shall not be overlaid with an additional layer of asphalt shingles.

What is the minimum wind speed rating for asphalt shingles in Douglas County?

Asphalt shingles shall be listed in accordance with ASTM D7158. The minimum wind speed rating for elevations less than 7000 feet shall be 90 mph Class D. The minimum wind speed rating for elevations 7000 feet or more shall be 120 mph Class G.

### Tile/Slate or Batten Roofing FAQ's

Does Douglas County require high wind nailing?

No, but wind clips or approved equivalent on the eaves and mastic on the nose of all ridge, hip, and rake tiles is required.

Is a mid-roof inspection required?

Mid-roof inspection is required ONLY on roof systems with battens. This inspection is required when all underlayment is installed, required flashing is in place and at least 25% but no more than 50% of the roof covering is installed. All tiles must be fastened regardless of the roof pitch or manufactures recommendations. A minimum of one fastener per tile with lugs and two fasteners per tile without lugs is required.

### Wood Shake or Shingles FAQ's

Are cedar shake re-roofs/repairs permitted?

Yes, but only in designated areas outside the boundaries of the wildfire hazard overlay district and shall be a minimum of a class "C" fire resistive.

### Flat Roof FAQ's

Does roof insulation need to be increased?

Roofing re-cover on existing buildings need not comply with the requirements for new construction, provided that the existing insulation is not exposed and the energy use of the building does not increase. Roof replacements where the existing roof assembly is part of the building envelope and contains insulation entirely above the roof deck shall comply with the requirements of new construction.

Is a mid-roof inspection required?

Yes, for roof replacements where additional insulation is needed to comply with the requirements of new construction.