



223 1ST Street
EATON, CO 80615
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ROOFING CONTRACTORS

Building Permit shall be posted on house prior to starting work

Roofing Contractor:

\$100,000.00 combined single limit liability insurance required. Certificate of insurance shall be submitted at time of application. The Certificate shall identify the limits of the insurance, policy number, name of insurance company, effective date and expiration of the policy.

Also, a copy of an endorsement requiring a ten day advance written notice to the Town of Eaton in the event of cancellation.

Design criteria: 30 lb. ground snow load. 90 mph wind speed exposure C.

ICE AND WATER SHIELD IS NOT REQUIRED. Drip edge is required on soffits, rakes and gables unless rakes and gables already have a freeze board. Drip edge required per section 1507.2.9.3 2012 IBC.

Tear-off: All roofing material shall be removed prior to new application (except for one (1) layer of asphalt shingles which can remain as an additional layer of asphalt shingles applied).

Underlayment: 4:12 slope and greater 1-layer of 15#. 2:12-3:12 slope 1-layer of 30#. Less than 2:12 slope requires modified bitumen. Low slope patio covers and accessory buildings require modified bitumen if dimensional shingles are used to match shingles on principal building. Plank deck underlayment is allowed if spacing does not exceed 3/8". Replace damaged or questionable roof sheathing.

Roof covering: Dimensional shingles. 3-tab shingles are not allowed. Replace damaged roof jacks and vents. Add roof vents where needed.

Fasteners: Per manufacturer's installation instructions and ASTM F 1667 to meet 90mph wind exp. C.

Inspection: *A mid-roof inspection is NOT required. Make sure permit card is available for the inspector. A secured ladder is required for the inspection if the home is 2 stories tall or more. All shingles are expected to lay flat. Caulk all shiners i.e. roof jacks, roof vents, and ridge caps.*

Prior to calling for inspection cleanup all debris in yard and on roof and clean out gutters and downspouts. Please allow two (2) working days for inspection to be completed. Inspectors will not walk roofs if outside temperature exceeds 75 degrees as to not track new application.

Please respect the citizens of Eaton and their property. Call 970-305-3161 with questions.

ProCode, Inc looks forward to working with each Roofing Contractor.

through the roof sheathing or a minimum of 3/4 inch (19.1 mm) into the roof sheathing.

Exception: As an alternative, adhered underlayment complying with ASTM D 1970 shall be permitted.

1507.2.8.2 Ice barrier. In areas where there has been a history of ice forming along the eaves causing a backup of water, an ice barrier that consists of at least two layers of underlayment cemented together or of a self-adhering polymer modified bitumen sheet shall be used in lieu of normal underlayment and extend from the lowest edges of all roof surfaces to a point at least 24 inches (610 mm) inside the exterior wall line of the building.

Exception: Detached accessory structures that contain no conditioned floor area.

1507.2.9 Flashings. Flashing for asphalt shingles shall comply with this section. Flashing shall be applied in accordance with this section and the asphalt shingle manufacturer's printed instructions.

1507.2.9.1 Base and cap flashing. Base and cap flashing shall be installed in accordance with the manufacturer's instructions. Base flashing shall be of either corrosion-resistant metal of minimum nominal 0.019-inch (0.483 mm) thickness or mineral-surfaced roll roofing weighing a minimum of 77 pounds per 100 square feet (3.76 kg/m²). Cap flashing shall be corrosion-resistant metal of minimum nominal 0.019-inch (0.483 mm) thickness.

1507.2.9.2 Valleys. Valley linings shall be installed in accordance with the manufacturer's instructions before applying shingles. Valley linings of the following types shall be permitted:

1. For open valleys (valley lining exposed) lined with metal, the valley lining shall be at least 24 inches (610 mm) wide and of any of the corrosion-resistant metals in Table 1507.2.9.2.
2. For open valleys, valley lining of two plies of mineral-surfaced roll roofing complying with

ASTM D 3909 or ASTM D 6380 shall be permitted. The bottom layer shall be 18 inches (457 mm) and the top layer a minimum of 36 inches (914 mm) wide.

3. For closed valleys (valleys covered with shingles), valley lining of one ply of smooth roll roofing complying with ASTM D 6380, and at least 36 inches (914 mm) wide or types as described in Item 1 or 2 above shall be permitted. Self-adhering polymer modified bitumen underlayment complying with ASTM D 1970 shall be permitted in lieu of the lining material.

1507.2.9.3 Drip edge. Provide drip edge at eaves and gables of shingle roofs. Overlap to be a minimum of 2 inches (51 mm). Eave drip edges shall extend 1/4 inch (6.4 mm) below sheathing and extend back on the roof a minimum of 2 inches (51 mm). Drip edge shall be mechanically fastened a maximum of 12 inches (305 mm) o.c.

1507.3 Clay and concrete tile. The installation of clay and concrete tile shall comply with the provisions of this section.

1507.3.1 Deck requirements. Concrete and clay tile shall be installed only over solid sheathing or spaced structural sheathing boards.

1507.3.2 Deck slope. Clay and concrete roof tile shall be installed on roof slopes of 2 1/2 units vertical in 12 units horizontal (21-percent slope) or greater. For roof slopes from 2 1/2 units vertical in 12 units horizontal (21-percent slope) to four units vertical in 12 units horizontal (33-percent slope), double underlayment application is required in accordance with Section 1507.3.3.

1507.3.3 Underlayment. Unless otherwise noted, required underlayment shall conform to: ASTM D 226, Type II; ASTM D 2626 or ASTM D 6380, Class M mineral-surfaced roll roofing.

1507.3.3.1 Low-slope roofs. For roof slopes from 2 1/2 units vertical in 12 units horizontal (21-percent slope), up to four units vertical in 12 units horizontal (33-per-

TABLE 1507.2.9.2
VALLEY LINING MATERIAL

MATERIAL	MINIMUM THICKNESS	GAGE	WEIGHT
Aluminum	0.024 in.	—	—
Cold-rolled copper	0.0216 in.	—	ASTM B 370, 16 oz. per square ft.
Copper	—	—	16 oz
Galvanized steel	0.0179 in.	26 (zinc-coated G90)	—
High-yield copper	0.0162 in.	—	ASTM B 370, 12 oz. per square ft.
Lead	—	—	2.5 pounds
Lead-coated copper	0.0216 in.	—	ASTM B 101, 16 oz. per square ft.
Lead-coated high-yield copper	0.0162 in.	—	ASTM B 101, 12 oz. per square ft.
Painted terne	—	—	20 pounds
Stainless steel	—	28	—
Zinc alloy	0.027 in.	—	—

For SI: 1 inch = 25.4 mm, 1 pound = 0.454 kg, 1 ounce = 28.35 g, 1 square foot = 0.093 m².