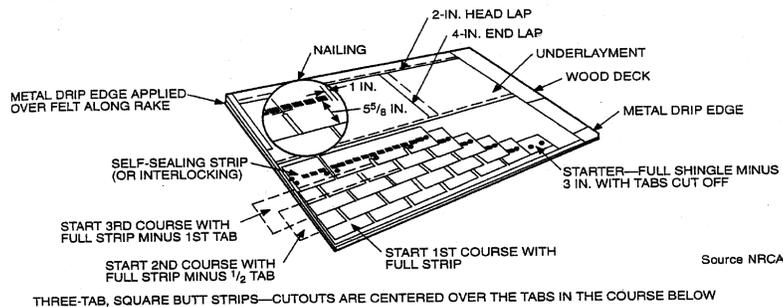


Frequently Asked Questions:

- 1) **Why do I need a permit to re-roof my house?** Your permit allows the building department to inspect for potential hazards and unsafe construction. By ensuring that your project meets the minimum standards of safety, reduces the risk of fire, and notes structural issues. Inspections complement the contractor's and homeowners experience and act as a system of checks and balances.
- 2) **May I, as the owner, do the re-roof myself?** Yes
- 3) **Will my roof be inspected?** Yes, the permit holder must call for a Final Roof Inspection.
- 4) **How many layers of roofing are allowed?** No more than two (2) layers are allowed upon completion of installation. If two (2) layers are existing, all layers must be removed do sheathing. Current code does not allow metal roofing within City limits. Any existing wood shakes/shingles must be removed prior to re-roof.
- 5) **What should be done with existing roof jacks and vents?** These must be replaced if they are in poor condition, badly rusted or otherwise deteriorated. In many cases, current Code will require additional venting.
- 6) **Are there other requirements?** Yes-this document is not intended to duplicate the IRC code concerning roofing. There could be neighborhood/Homeowners Association or similar requirements/limitation- we advise you contact them prior to making any changes to your roof covering materials.

Other Information:

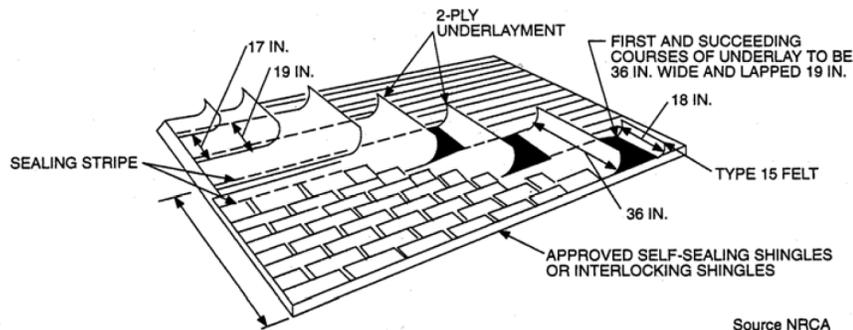
Asphalt Shingles: The installation of asphalt shingles shall comply with the provisions of the IRC and the manufacturer's installation instructions. Asphalt shingles shall be fastened to solidly sheathed decks.



ASPHALT ROOFING SHINGLES APPLICATION HIGH SLOPE (4:12 MINIMUM)

(4:12 roof slope and above)

Slope: Asphalt shingles shall only be used on roofs slopes of 2 units vertical in 12 units horizontal (2:12) or greater. For roof slopes from 2 units vertical in 12 units horizontal (2:12) up to 4 units vertical in 12 units horizontal (4:12), a double underlayment application is required.



NOTE: In areas where average daily temperature in January is 25°F or less, felt plies of underlayment should be cemented up from eaves far enough to overlie a point 24 in. inside the inside wall line of the building.

(2:12 to 4:12 roof slope)

Underlayment: Unless otherwise noted, required underlayment shall be 15# or 30# asphalt paper, Type I. Self-adhering polymer modified bitumen sheet shall comply with ASTM D 1970.

Underlayment application: For roof slopes from 2:12 to 4:12, underlayment shall be two layers applied in the following manner: Apply a 19-inch strip of underlayment felt parallel with and starting at the eaves, fastened sufficiently to hold in place. Starting at the eave, apply 36-inch wide sheets of underlayment overlapping successive sheets 19 inches, and fastened sufficiently to hold in place. For roof slope of 4:12 and above, underlayment shall be one layer applied in the following manner: Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2-inches minimum, fastened sufficiently to hold in place. End laps shall be offset by 6-feet.

Asphalt Shingles: Asphalt shingles shall have self-seal strips or be interlocking and installed per Manufacturer.

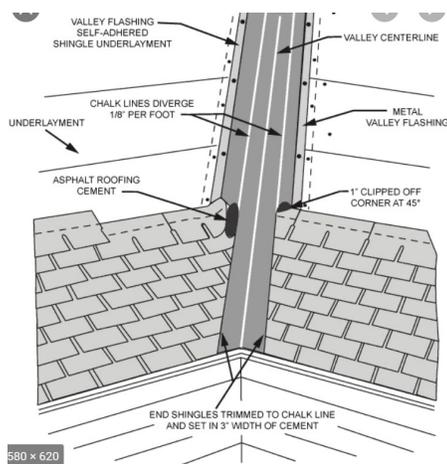
Fasteners: Fasteners for asphalt shingles shall be galvanized steel, stainless steel, aluminum, or copper roofing nails, minimum 12 gauge [0.105 inch] shank with a minimum 3/8-inch diameter head, of a length to penetrate through the roofing materials and a minimum of 3/4-inch into the roof sheathing. Where the roof sheathing is less than 3/4-inch thick, the fasteners shall penetrate through the sheathing.

Attachment: Asphalt shingle shall have the minimum number of fasteners required by the manufacturer. For normal application, asphalt shingles shall be secured to the roof with not less than four fasteners per shingle.

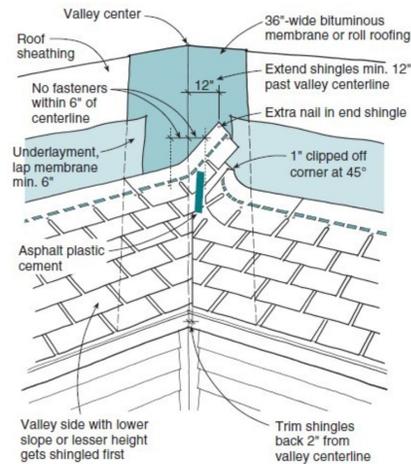
Ice Protection: An ice barrier of self-adhering polymer shall be used and **extend from the eave's edge to a point at least 24-inches inside the exterior wall line of the building.**

Base and cap flashing: Base and cap flashing shall be installed in accordance with manufacturer's installation instructions. Base flashing shall be of either corrosion-resistant metal

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



Open/Metal Valley



Closed/Shingle Valley

Re-Roofing: The structural roof components shall be capable of supporting the material, system, and equipment loads that will be encountered during installation of the roof system. New roof coverings shall not be installed without first removing existing roof coverings where any of the following conditions occur:

- 1) Where the existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
- 2) Where the existing roof covering is wood shake, slate, clay, cement, or asbestos cement tile.
- 3) Where the existing roof has two or more applications of any type of roof covering.