



# Residential Asphalt Roofing - Code Summary

Revised 01/2020

**Roof coverings shall be applied in accordance with all applicable provisions of the 2018 International Residential Code and the manufacturer's installation instructions. The following is a summary of code requirements intended to address FAQs about roofing and re-roofing.**

***For re-roof permits please schedule an "in-progress" inspection for the below items accordingly.***

## **Ice Barrier Underlayment (Section R905.1.2):**

Ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches inside the exterior wall line of the building. On roofs with slope equal to or greater than eight units vertical in 12 units horizontal the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Note: Many manufacturers require ice barrier underlayment in valleys.

## **Asphalt shingles (Section 905.2.1):**

Sheathing requirements. Asphalt shingles shall be fastened to solidly sheathed decks.

## **Drip Edge (Section 905.2.8.5):**

Underlayment shall be installed over the drip edge along eaves and under the drip edge along rake edges.

## **Reroofing (Section R908):**

New roof coverings shall not be installed without first removing all existing layers of roof coverings where any of the following conditions exist.

- 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.
- Where the roof covering is slate, clay, cement or asbestos-cement tile.
- Where the existing roof has two or more applications of any type of roof covering.

## **Reinstallation of Materials (Section 908.5):**

Any existing flashing, edgings, outlets, vents or similar devices that are part of the assembly shall be replaced when rusted, damaged, or deteriorated. Aggregate surfacing materials shall not be reinstalled.

## **Ventilation (Section R806):**

Enclosed attics and enclosed rafter spaces are required to be adequately ventilated. The minimum net free ventilating area shall be 1/150 of the attic or rafter space. The ventilating area can be reduced to 1/300 of the attic or rafter space provided 40 percent and not more than 50 percent of the vents are located in the upper portion of the attic or rafter space. The balance of the vents shall be located in the bottom one-third of the attic or rafter space.

## **Fees**

The cost of a roof or reroof permit is based on the valuation of the project. A Building Permit Application can be found on our website at <https://permits.ci.lenexa.ks.us/citizenaccess/>

Please contact 913-477-7725 to determine fees or refer to the Fee Schedule - City of Lenexa



**Contractors Licensing**

The homeowner may obtain the permit; however, if the homeowner is hiring a contractor to do the work then the contractor is required have a valid Johnson County Contractor License and City of Lenexa Business License. All roofing contractors are also required to be current on the State of Kansas Roofer's Registration.