



# Residential Roofing Fact Sheet Based on the 2015 IRC

## When is a roofing permit required?

A permit is required when decking is being replaced, different roofing materials will be installed, or more than 25% of roof covering is being replaced.

Information required at permit submittal for replacement of a residential roof:

1. Type of roofing material being installed, wind speed, class of shingle
2. Type of underlayment being installed
3. How many squares is the roof? (1 square = 100 sf)
4. Is decking being replaced? Are structural repairs required?

## What is the adopted wind speed?

The City of Black Hawk has adopted the ultimate wind design speed of **173 mph for risk category II buildings, and 188 mph for risk category III buildings**. Roofing material must be designed for the appropriate nominal wind design speed.

## Do I need a sheathing / mid-roof inspection?

A sheathing / mid-roof inspection is required for all roofing projects.

## Can I re-cover my roof?

Yes, **except** (Section 908.3.1.1):

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

## Roof replacements shall include the removal of existing layers of roof coverings down to the roof deck.

**Ice barrier is required** for full replacements and re-covering of asphalt shingle roofs (Section 905.1.2), 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 not less than 24 inches inside the exterior wall line of the building.

**Flashing and drip edge are required** for full replacements and re-covering of asphalt shingle roofs (Section 905.2.8.1 - 905.2.8.5), base and cap flashing, valley linings, and sidewall flashing should be installed prior to the shingles and according to the manufactures specifications. Drip edge is required at eaves and gables of shingled roofs, and should be installed below the roof sheathing, extending up the roof deck a minimum of two inches.