

Roofing Requirements
Replacement of Asphalt Shingle Roofs
Village of Flossmoor, Illinois

When replacing asphalt shingle roofs, the 2018 International Residential Code for roof coverings (IRC Section R905) shall be followed.

The following are basic requirements:

- 1) Shingles shall be attached to solidly sheathed decks.
- 2) Shingles shall only be used on roofs with slopes greater than 2:12
- 3) Roofs with slopes between 2:12 and 4:12 shall have double underlayment (ie. felt paper) as per R905.2.6
- 4) Ice and water barrier shall be used on roofs that are over heated structures and shall extend from the lowest edge of the roof to a point at least 24 inches inside the exterior wall line of the building. (A building with soffits greater than 12 inches in depth may require more than one run of the barrier). (IRC R905.1.2)
- 5) Base and cap flashings shall be installed in accordance with the manufacturer's recommended installation instruction . (IRC R905.2.8.1)
- 6) Valley linings shall be flashed in accordance with manufacturer's recommended installation instructions. (IRC R905.2.8.2)
- 7) Sidewall flashing shall be continuous or step flashing and shall be a minimum of 4 inches in height and 4 inches in width. (IRC R905.2.8.3)
- 8) Drip edges and/or gutter aprons shall be provided at eaves and gables in accordance with IRC R905.2.8.5.
- 9) Fasteners shall be corrosion-resistant with a minimum 12 gauge shank and a 3/8 inch diameter head, and of sufficient length to penetrate through the roofing material and 3/4 of an inch into the sheathing.
- 10) Shingles shall be installed in accordance with the manufacturer's recommended installation instructions.
- 11) Roof recover (new roof cover over existing shingles) shall be installed in accordance with manufacturer's approved instructions and IRC R908.3.1

For further requirements or questions, please contact the Flossmoor Building Department at 708-957-4101



FLOSSMOOR