



Roof Covering & Siding Regulations

The City of Fort Dodge has adopted 2015 International Code Council Building Codes.

International Residential Code 2015 Section R 703.2 Water-Resistive Barrier. One layer of No. 15 asphalt felt, free from holes and breaks, complying with ASTM D 226 for type I felt or other approved water-resistant barrier shall be applied over studs or sheathing of all exterior walls. Such felt or material shall be applied horizontally with upper layer lapped over the lower layer not less than 2 inches. Where joints occur, felt shall be lapped not less than 6 inches. The felt or other approved material shall be continuous to the top of the wall and terminated at penetrations and building appendages in a manner to meet the requirements of the exterior wall envelope as described in section R703.1.

R 703.1 General. Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The exterior wall and below shall include flashing as described in section R703.8.

Tyvek or its equivalents are an acceptable **Water-Resistive Barrier** in the City of Fort Dodge.

The IRC prescribes the design, materials, construction and quality of roofing assemblies to provide weather protection for a building. Roof coverings must be installed according to the code and the manufacturer's instructions.

All LAYERS must be stripped off as Fort Dodge is in a "moderate" hail damage area. Underlayment and ice barrier/ice water shield are required. Make sure you have good underlayment before adding your ice barrier/ice water shield which must extend from the eave to at least 24 inches inside the exterior wall line of a building. Existing roofs required ½" or 7/16" continuous underlayment.

R905.2.8.5 Drip Edge. A drip edge shall be provided at eaves and gables of shingle roofs. Adjacent pieces of drip edge shall be overlapped a minimum of 2 inches (51 mm). Drip edges shall extend a minimum of 0.25 inch (6.4 mm) below the roof sheathing and extend up the roof deck a minimum of 2 inches (51 mm). Drip edges shall be mechanically fastened to the roof deck at a maximum of 12 inches (305 mm) o.c. with fasteners as specified in Section R905.2.5. Underlayment shall be installed over the drip edge along eaves and under the drip edge on the gables. Unless specified differently by the shingle manufacturer, shingles are permitted to be flush with the drip edge.

Roofing Venting. Roof Venting must be installed according to IRC, Section 806.

Reference to Ordinance #2254, adopted March 27, 2017.



Troy Brandt, Building Official
City of Fort Dodge Code
Enforcement Office
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Important Roofing Tips

SHEATHING:

- Roof must be stripped down to wood sheathing; City of Fort Dodge Ordinance and section 908.3
- Sheathing does not have large gaps or holes section 905.2.1
- Sheathing requirements (solidly sheathed decks)
- Sheathing is solid for nailing surface section 905.2.1

ICE AND WATER BARRIER:

- Ice and water barrier section 905.1.2
- Ice Barriers shall extend 24 inches past the exterior wall

DRIP EDGE:

- Drip edge section 905.2.8.5
- Drip Edge - Underlayment shall be installed over the drip edge along the eaves and under the drip edge along the rake edges.

When shingle manufacturer requires venting, contractor needs to install venting property sized.

Questions/Concerns contact the Building Official Troy Brandt; 515-576-4551, ext. 1231