



# CITY OF RAPID CITY

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## MEMORANDUM

**TO:** Any contractor, owner, and insurance agent

**FROM:** Brad Solon, Division Manager, Rapid City Building Services

**DATE:** April 5, 2019

**SUBJECT:** Current Adopted Rapid City Codes and Local Amendment - Roofing

The City of Rapid City recently adopted the 2018 IBC and IRC as well as other 2018 editions for other trades. The effective date of the 2018 IBC and IRC was February 22, 2019. See the local amendment for roofing in the IRC for Residential. Note that the underlayment sections for the removal and replacement of substandard sheathing was NOT amended. Substandard or wet sheathing must be replaced.

Contact Staff at 605-394-4120 with any questions.

**15.13.270 IRC Chapter 9, Section R905.1.2 Ice barrier—Amended.**

IRC Chapter 9, Section R905.1.2 Ice barrier is hereby amended to read in its entirety as follows:

**R905.1.2 Ice barrier.** In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in Table R301.2 (1), an ice barrier that consists of a 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 at least 24 inches (610 mm) inside the exterior wall line of the building.

**Exception:** Detached accessory structures that contain no conditioned floor area.

If the ice shield is not inspected, the contractor shall provide an affidavit that the ice shield materials were installed properly.

(Ord. 6270 (part), 2019: Ord. 6009 (part), 2015: Ord. 5891 (part), 2013: Ord. 5819 (part), 2012)

**15.13.280 IRC Chapter 9, Section R908.3 Roof replacement—Amended.**

IRC Chapter 9, Section R908.3 Roof replacement is hereby amended to read in its entirety as follows:

**R908.3 Roof replacement.** New roof coverings shall not be installed without first removing all existing layers of roof coverings so that the bare wood can be viewed.



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**Exceptions:**

1. Complete and separate roofing systems, such as standing-seam metal roof systems, that are designed to transmit the roof loads directly to the building's structural system and that do not rely on existing roofs and roof coverings for support, shall not require the removal of existing roof coverings.
2. Installation of metal panel, metal shingle and concrete and clay tile roof coverings over existing wood shake roofs shall be permitted when the application is in accordance with Section R908.4.
3. The application of new protective coating over existing spray polyurethane foam roofing systems shall be permitted without tear-off of existing roof coverings.
4. Where the existing roof assembly includes an ice barrier membrane that is adhered to the roof deck, the existing ice barrier membrane shall be permitted to remain in place and covered with an additional layer of ice barrier membrane in accordance with Section R905.

**R908.3.1 Roof recover not allowed.** A roof recover shall not be permitted 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 slate, clay, cement or asbestos-cement tile.
3. Where the existing roof has one or more applications of any type roof covering.

**(Ord. 6270 (part), 2019)**