



Ice Barrier Requirements

The City of Liberty has adopted the 2018 International Building Code and enforces Chapter 9 of the IRC and Chapter 15 of the IBC as it pertains to "Ice and Water Shield" requirements. The City of Liberty enforces this chapter of the code as written.

2018 IBC Section 1507.6.4 Ice barrier. In areas where there has been a history of ice forming along the eaves causing a backup of water, 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 at least 24 inches inside the exterior wall line of the building.

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

- ❖ Ice dams form when snow melts over the warmer parts of a roof and refreezes over the colder eaves. This ice formation acts like a dam and causes water to back up beneath the roof covering. The roof will eventually leak, causing damage to the structure, including the walls, ceilings and roof [see Figures 1507.8.4 (1) and (2) on reverse]. In areas where this is prevalent, the installation of an ice barrier is required in accordance with this section.
- ❖ There is an exception to this section that exempts accessory buildings from such restrictions as they are unheated structures where the need for protection against ice dams is unnecessary.

For more information, please contact the City of Liberty Building Division at 816.439.4534 or inspections@libertymo.gov.