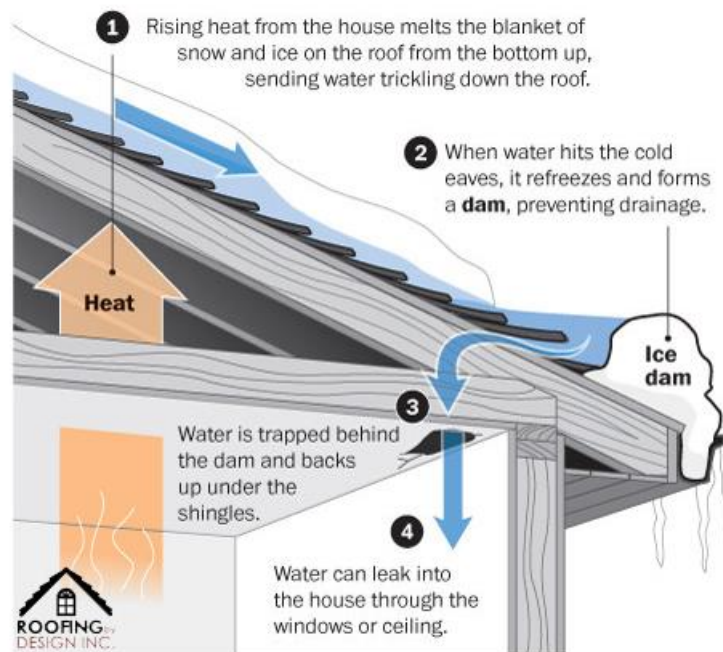


UCC Building Code - Ice Barriers

All Municipalities Served by PMCA follow and enforce the provisions of the 2018 International Residential Code (IRC) and the 2018 International Building Code (IBC) as amended by the PA Uniform Construction Code (UCC) 35 P.S.7210.101 et Seq.

What is an Ice Barrier?

- An Ice Barrier is either a waterproof membrane underlayer or two layers of underlayment that is cemented together. An Ice Barrier is designed to protect the vulnerable sections of the roof from water and ice damage. An Ice Barrier is also called an Ice or Snow Shield.



Is an Ice Barrier required?

- Ice Barriers are **required** in the State of Pennsylvania
- Section 905.1.2 IRC – Ice Barriers states:
 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 shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than 8 units vertical in 12 units horizontal, the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Exceptions to the Ice Barrier Requirements:

- Section 905.1.2 IRC – Ice Barriers states:
 Exception: Detached accessory structures not containing conditioned floor area.