

# If your roof looks like this, there's a problem.



Winter can be brutally tough. With it come icicles and ice dams - buildups of ice on your home's roof that can cause extensive (and expensive) damage. Air leaking from your home is the main cause for icicles and ice dam formation. Protect your home from the risk of ice dam formation and resulting damage with Icynene spray foam insulation. Icynene spray foam seals all gaps, especially in the attic where hot spots form, protecting your home from ice dams, icicles and air leakage. For more information on how to help protect your home from the risk of icicles and ice dams, call 1.800.758.7325 or visit us online at [icynene.com](http://icynene.com).

## How are they formed?

Warm air rises from the attic (32°F or higher) and melts the snow on the roof. Water trickles down to the eaves and gutter where temperatures are colder. There, the water refreezes creating icicles and trapping ice underneath the shingles. Any additional melting water can seep through the roof and exterior walls, causing additional damage.

## Potential damage

It can cost thousands to repair a roof damaged by icicles and ice dams. Ice dams can loosen and damage shingles and break gutters while penetrating moisture can lead to wood rot and potential mold and mildew.

## The effect of air leakage

Air leakage occurs as a result of inferior insulation coverage. Gaps and cracks throughout the building envelope allow conditioned air to escape, leaving HVAC equipment to work overtime.

## How Icynene can help

Spray foam installed on the attic floor can work to help minimize moist warm indoor air from entering the attic and then escaping through the roof. Plus, by reducing the risk of air leakage, your home can remain consistently comfortable all winter long without your furnace working overtime.

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Bare spots such as these indicate poor insulation performance.

