

HotShingle™ - Installation Instructions

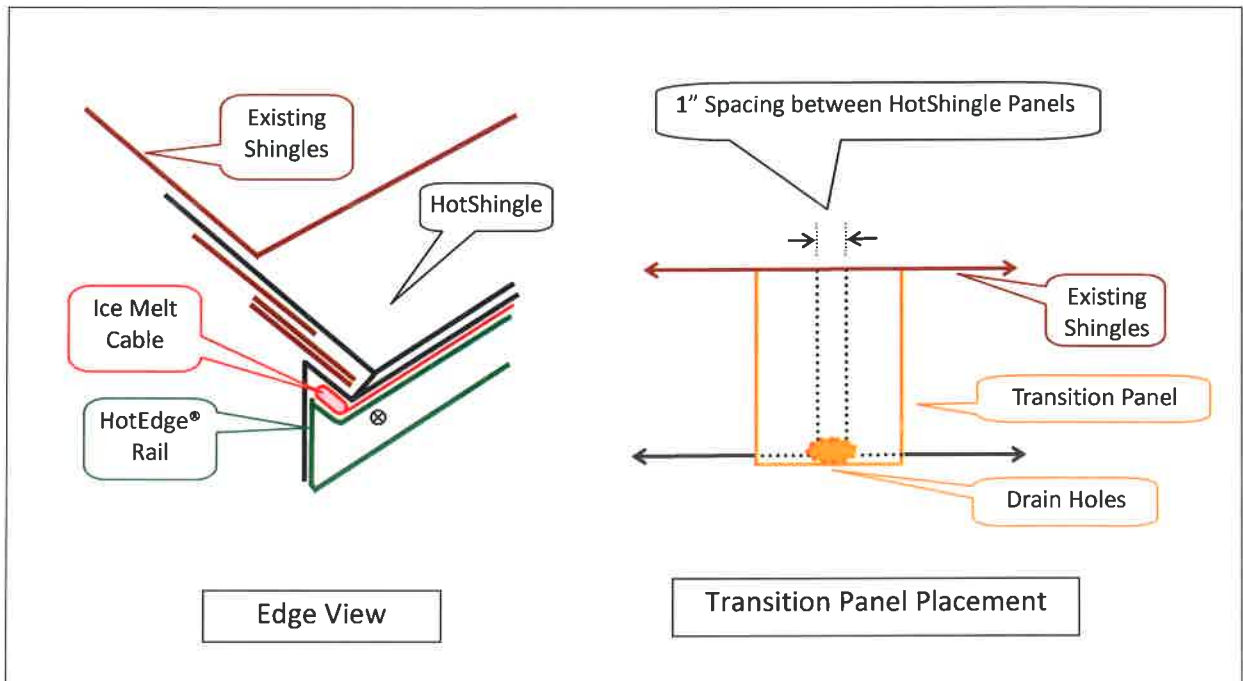
Hot Edge, Inc.

www.HotEdge.com

Introduction

The HotShingle is a special type of snow slide or slip sheet designed to work with the UL Listed HotEdge® Rail Roof Edge Ice Melt System to minimize icicles and ice dams at the roof drip edge.

The HotShingle provides a metal drip edge that can be heated. Primarily designed for composition and asphalt roofs, it slides between the second and third row of the existing shingles. The lower drip edge is folded back to cover the shingle drip edge and then downward to create a vertical fascia. It is available in copper or painted galvanized steel.



Installation Notes

- 1) Slide the HotShingle Panel between the second and third row of shingles.
- 2) Push the HotShingle up until the vertical back of the HotShingle is in contact with the fascia.
- 3) There must be at least a 1/4 inch space between the front edge of the shingles and the back inside cavity of the HotShingle Panel to allow for horizontal water drainage to the drain holes in the Transition Panel.
- 4) The existing shingles may need to be trimmed back to insure this important drain channel.
- 5) The HotShingle Panels require a one inch gap between them for water drainage.
- 6) Slide the Transition Panel into place so that the drain holes line up with the one inch gap between adjacent HotShingle Panels. Seal the perimeter with roofer's caulk.
- 7) Insure the complete drain path is open and the drain holes have not been blocked.
- 8) Install the HotEdge® Rail Ice Melt System per the instructions provided with this System.

The HotEdge Ice Melt System

The HotEdge® Rail creates a three-sided raceway that holds a single run of self-regulating ice melt cable firmly against the bottom of the metal drip edge of most structures. This patent pending open raceway design conforms to the NEC (National Electrical Code) Article 426 and provides access for insertion, inspection and replacement. The heat generated by the ice melt cable is directly conducted to the metal drip edge. This helps prevent icicles and ice dams from forming in this critical area.

Some roofs will require the addition of a metal drip edge or a metal slip sheet (snow slide) that can be heated. **Warning:** In all cases, a metal drip edge must be present for the HotEdge Ice Melt System to operate safely and successfully.

The ice melt cable manufacturer's installation instructions are provided with the cable. These procedures must be followed. Installation personnel must be skilled in the art and be aware of the dangers inherent in this type of construction work. This product is designed to be part of a complete roof structure. Only experienced professional contractors should install this product.

Consult with a licensed electrical contractor for system layout, junction box placement, maximum cable run lengths and power feed requirements as defined by the National Electrical Code (NEC), local building codes and the ice melt cable manufacturer.

Completely read and understand these documents before starting the project.

Warning

Low cost, constant current ice melt cable must not be used. Only safety agency Listed, self regulating ice and snow melt cable for structures that are provided with the system can be used.

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