HotDrip™ Adaptor – Installation Instruction

Hot Edge, Inc. www.HotEdge.com

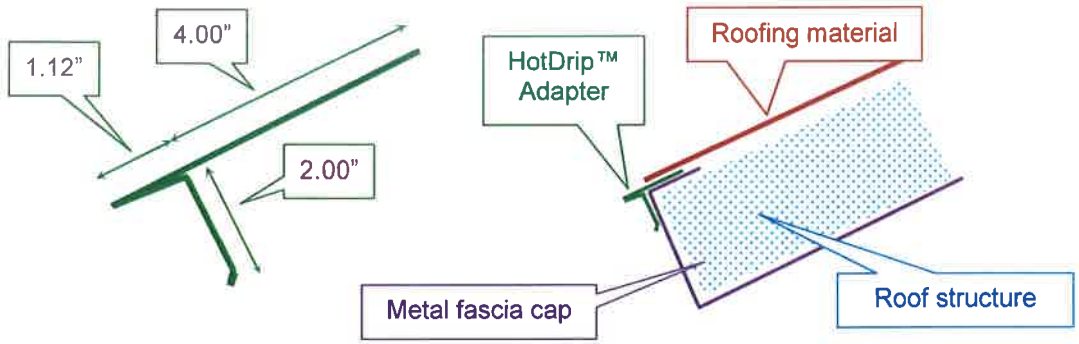

Fig. 1 - HotDrip™ Adaptor

The HotDrip™ Adaptor

Part of the HotEdge™ Ice Melt System

Note: The HotDrip™ Adaptor **Design Guide** provides important additional information. Information on the ice melt cable can be found in the HotEdge Rail™ Installation Instructions. These documents can be accessed at www.HotEdge.com

The HotDrip™ Adaptor is used to create a metal drip edge on roof structures that have a metal fascia cap that serves as the front fascia. Once the metal drip edge is in place, the HotEdge™ Rail ice melt system can be installed.

In this type of roof design, the roofing material is laid on top of the metal fascia cap (see above). It is important to confirm that there is a small horizontal gap between the bottom of the roofing material and the top surface of the cap. The Adaptor needs to slide into this gap.

Note: In all cases, a one inch minimum metal drip edge must be present for the HotEdge™ Rail ice melt system to operate successfully.

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 is provided with the system can be used.

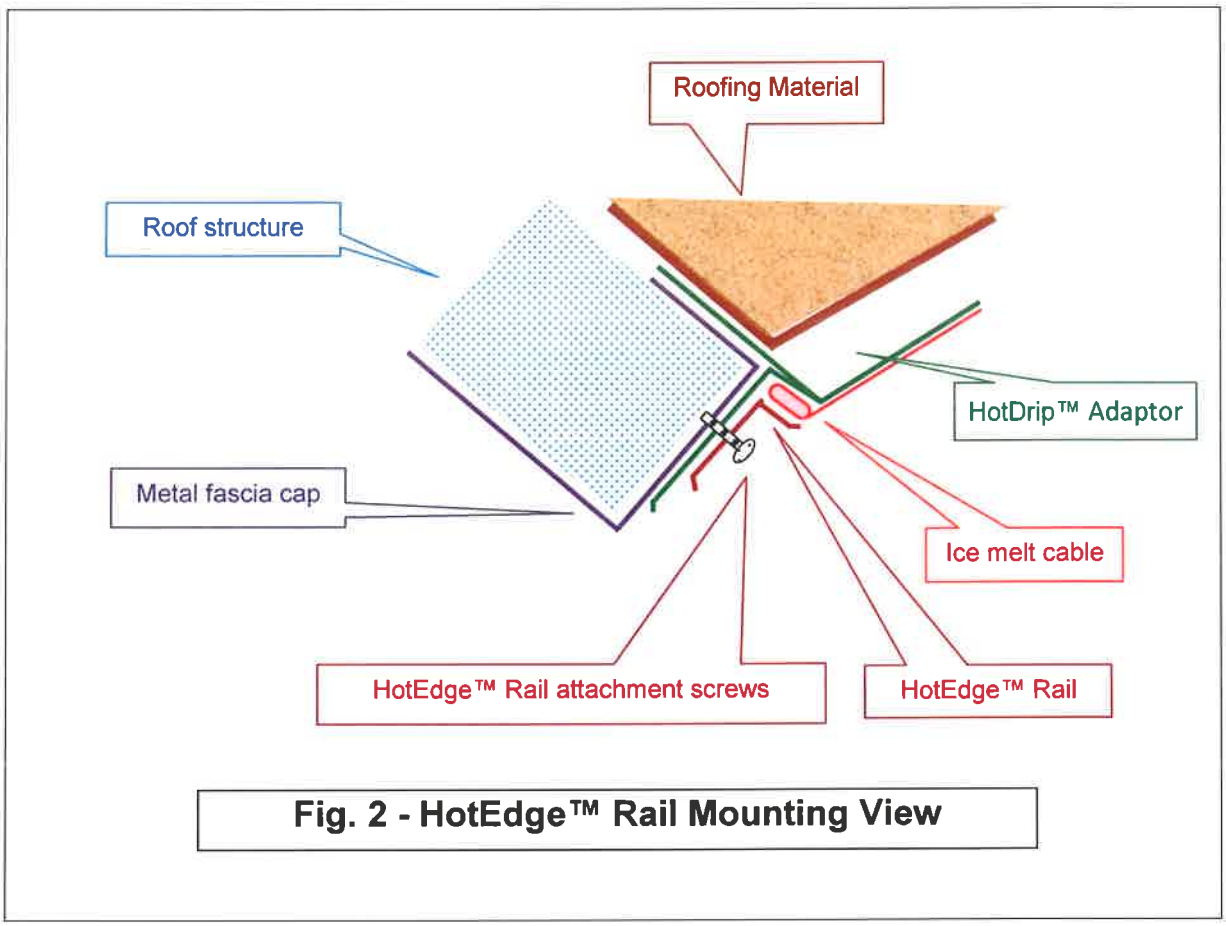

Fig. 2 - HotEdge™ Rail Mounting View

Installation Instructions

1) Ensure there is a small continuous horizontal gap between the metal fascia cap and the roofing material (see Fig. 1).

2) Sometimes there are rivets attaching the Cap to the roofing material. These rivets are left in place and the Adaptor flange is notched at the rivet locations.

3) Slide the Adaptor into place and seal with roofing calk. Small head (#6) stainless steel screws can be used to hold the Adaptor in place.

4) Final mounting uses the HotEdge™ Rail screws (Fig. 2) to mount both the Adaptor and the HotEdge™ Rail.

5) Note: The Hot Drip™ must make complete contact with the roofing material. Any airspace will reduce performance.

The HotEdge™ Rail — Roof Ice Prevention System

The UL Listed, HotEdge™ Rail System 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 of the ice melt cable. The heat generated by the ice melt cable is directly conducted to the top of metal drip edge. This helps prevent icicles and ice dams from forming in this critical area. The snow and ice melt water is not permitted to re-freeze at the drip edge and it can be safely drained away from the structure.

Some roofs will require the addition of a metal drip edge or a metal slip sheet (snow slide) that can be heated. Hot Edge Inc. manufacturers the HotSheet™ and the HotShingle™ products that provide the critical metal drip edge that the System requires.

Additional products are offered (e.g. HotValley™ and HotFlashing™) to maintain a heated drain path for the ice melt water until it can be safely drained away from the foundation of the structure.

Warning: In all cases, a metal drip edge must be present for the HotEdge™ Ice Melt System to operate safely and successfully. Only self-regulating ice melt cable supplied with the system can be used. Low cost constant-current heating cable is a fire hazard and cannot be used.

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 the electrical system layout, junction box placement, maximum cable run lengths and power feed requirements with EDP breakers 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.