



**Condensed Installation Recommendations**

1. The Valley Channel is typically installed on one side of the "W" valley flashing (by others), preferably the side with less watershed above.
2. If necessary, trim back adjacent roofing to allow installation.
3. Sweep valley area clean of all debris and loose granules and clean with solvent such as isopropyl alcohol.
4. Apply bead of approved adhesive to the underside of the Base Panel.
5. Install the Base Panel onto valley. Position Base Panel 1/8" from valley flashing metal to allow clearance for snap-on Cover Panel If necessary, use tape to temporarily keep panels in place.
6. Leave 1/2" gap between Base Panels ends. Ensure proper alignment with a short length of heater cable in one slot between sections.  
**IMPORTANT:** Install Base Panels all the way down the valley. Failure to do so may result in re-freezing and form icicles and ice dams.
7. Once adhesive has set, insert Heater Cables into Base Panel slots per Layout.
8. Inspect heater cable for proper fit and routing (no contact with sharp edges). Perform megger test at junction box; correct if necessary. Document readings.
9. Install snap-on Cover Panel.
10. Inspect visible heater cables and perform second megger test at junction box; correct if necessary. Document readings.
11. Consult Summit Ice Melt Systems for special details and refer to Summit's Installation and Operation Guide. Per NEC, protect all circuits with 30mA Ground Fault protection.



**Summit Ice Melt Systems, Inc.**  
*Thermodynamics Analyzed. Applied.™*

Protected under U.S. Patents #8,946,601, #10,604,937, #10,072,422, and other patents pending. PRO®, LT®, LowSlope®, Valley Channel® and HotSlot® are registered trademarks of Summit Ice Melt Systems, Inc. "Thermodynamics analyzed. Applied", "Ultra-HECS", and "Apogee" are trademarks of Summit Ice Melt Systems, Inc.

[summiticemelt.com](http://summiticemelt.com)  
Phone: 530-583-8888

Title

**Valley Channel® Roof Ice Melt System  
Open Valley Tile Roofing**

Scale

None

Dwg #

560

Date

Feb 09, 2021