

Defender Steep Slope Valley Applications (All Cable Configurations) Installation Instructions

ROOF TYPES

- Steep Slope Valley

INSTALLATION TIPS

- The HeatDefender HS-700 base may be adhered to flashing in valley applications and is not required to be mechanically fastened.
 - Installers should use an adhesive the heat trace cable manufacturer recommends for metal roof applications.
- Allow for a minimum 3/8" space between HS-700 base components
- The heat cable radius should be considered when installing HeatDefender in combined valley and eave applications. Space the base components to avoid damaging the heating cable in the transition between the valley and the eave.

DESIGN INFORMATION

1. Measure length of gutter where heat cable will be used.
2. Based on gutter measurement, calculate number of sections of HeatDefender cable concealer needed, and cut the HS-800 or HS-700 base and cover to meet the length requirements.
3. Clear away debris and clean valley flashing with a solvent in all areas where the HS-700 base will be installed and adhesive applied.
4. The HS-700 base should be installed 1/8" from the valley flashing "V" crimp to accommodate the cover's installation.
5. Apply a bead of adhesive along the entire length of each side of the bottom of the HS-700 base and place it on the clean valley flashing.
6. Once all HS-700 base components are installed, run the heating cable through base channels and test the heating cable for power.
7. Align the cover with the base and press both components until they snap closed.
8. Rivet the cover to the base in two locations per section, approximately 3" from the ends of the assembly.