

INSTALLATION INSTRUCTIONS ELB-RCLIP Pack of 25

DESCRIPTION

ELB-RCLIP roof clips are for use with Eltherm heating cables and are used to secure cables onto a shingle or metal roof. For installation on shingle roofs, the clips can be attached using nails or screws. For installation on metal roofs, an adhesive must be used (nails or screws could damage the roof).

SAFETY GUIDELINES

The safety, reliability and performance of heat tracing depend on how the cable is selected, installed and maintained. Incorrect design, handling, installation or maintenance of the cable could result in cable failure, inadequate de-icing, electric shock or fire. To minimize these risks and ensure the systems function properly, please follow manufacturer recommendations and instructions carefully, and do not use any hardware or methods other than those recommended.

Installation must meet the requirements of the following codes:

- Canadian Electrical Code
- National Electrical Code
- Any other local and/or national code

Where required by law, this product must be installed by a qualified person.

PARTS AND TOOLS REQUIRED FOR INSTALLATION

- Self-regulating heating cable ELSR
- Drill or hammer
- Nails or screws
- Pliers
- Caulking gun
- Roofing adhesive*

* Several types of adhesive may be suitable for this application. Consult the adhesive manufacturer's recommendations to obtain more information and ensure the product is suitable for the installation.



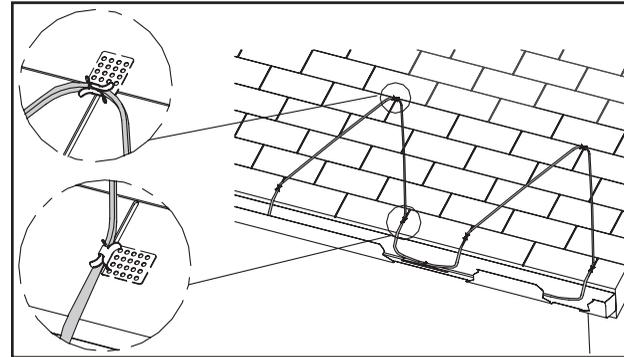
WARNING

- Read this guide before you proceed and always follow the installation instructions.
- This product must be installed with a ground fault circuit interrupter (GFCI) in compliance with the Canadian Electrical Code and National Electrical Code.

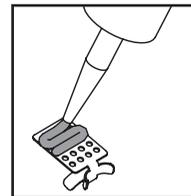
- Roof clips must be properly installed according to the instructions in this guide to prevent risk of fire or electrical problem.
- Do not use these clips on a slate or tile roof; they may damage the roofing. Before attaching the clips and heating cable, check with the manufacturer of the roof to verify what material is approved for use with the type of roof.
- The power supply must be switched off before handling the heating cable to avoid risk of shock.
- Never install the cables below the minimum installation temperature (please refer to the cables instructions).
- Never exceed the 1 in. (25 mm) minimum bending radius of the cable.
- Keep heating cable ends dry before and during installation.
- Do not crush or damage the heating cable when closing the clips with pliers. A damaged cable can increase the risk of fire or electrical problems. Always replace or repair a damaged cable. Never use a damaged cable.

INSTALLATION ON A SHINGLE ROOF

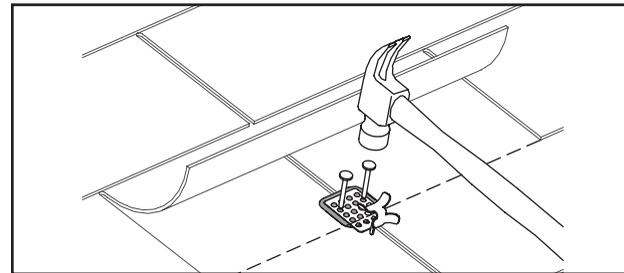
1. Determine the layout of the cable and placement of the clips.



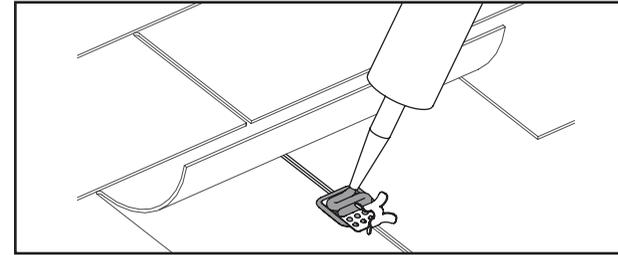
2. Apply adhesive suitable for your roof to the back of the clip where it will be nailed or screwed.



3. Position and orientate the clip according to its final location. Attach the clip to the roof using nails or screws.

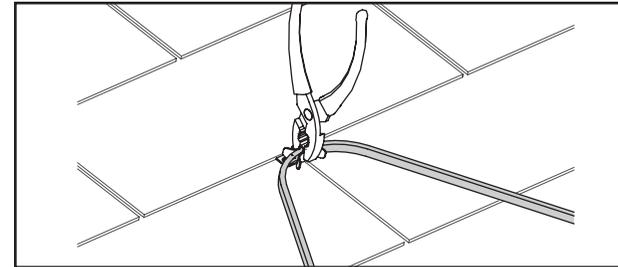


4. Apply adhesive to the nail or screw heads.



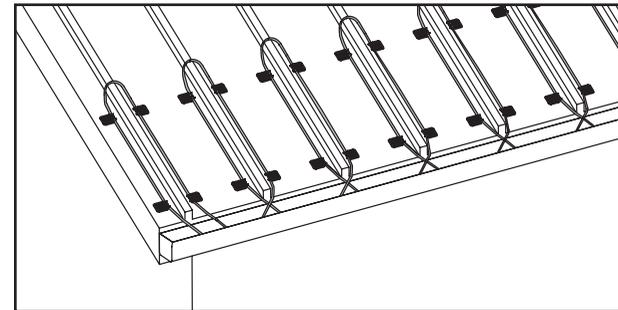
5. Install the heating cable.

Use pliers to close the fastener without crushing or damaging the heating cable.



INSTALLATION ON A METAL ROOF

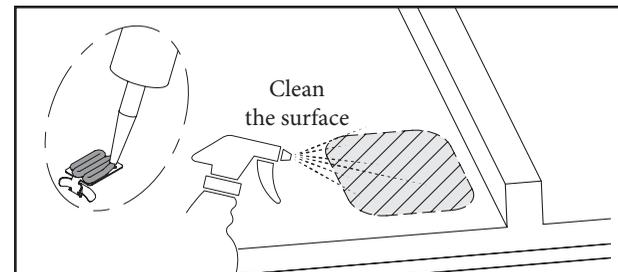
1. Determine the layout of the cable and placement of the clips.



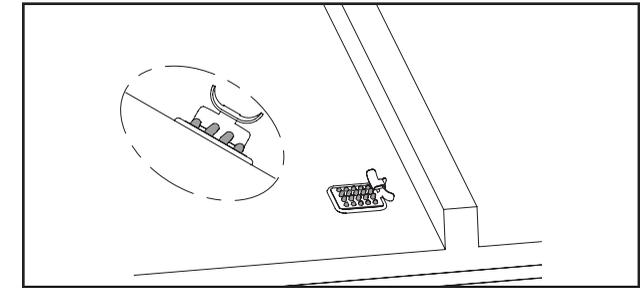
2. (Always refer to the manufacturer of the roof for recommended adhesives.)

Prepare and clean the roof surface according to the adhesive manufacturer's recommendations.

Apply a generous amount of adhesive to the back of the clip.



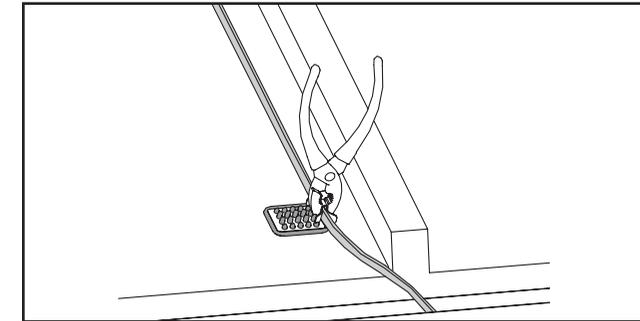
3. Position and place the clip on the prepared roof surface. Press firmly, so that the adhesive flows out of the holes in the clip. Do not scrape off or clean excess adhesive; it provides better clip adhesion.



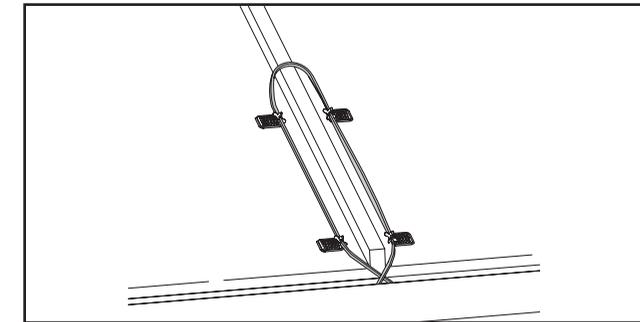
4. Allow the adhesive to dry according to the manufacturer's recommendations.

Once dry, install the heating cable.

Use pliers to close the fastener without crushing or damaging the heating cable.



5. Complete the installation.



The heating cables are certified depending on the model:



OR

