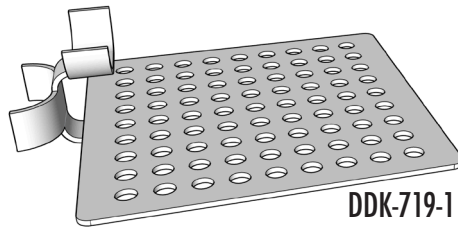
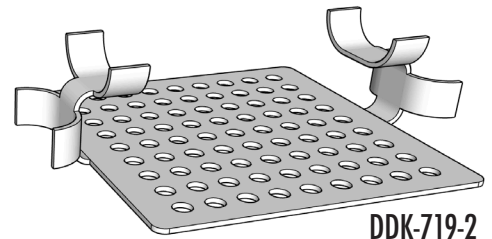




# DDK-719 LARGE GLUE-DOWN/NAIL-DOWN HEAT CABLE ROOF CLIP INSTALLATION MANUAL



DDK-719-1



DDK-719-2

## DESCRIPTION

The DDK-719 Heat Cable Roof Clip can be used to secure various brands of self-regulating heat cable on a variety of roofing materials including asphalt shingles, metal roofs, rubber membrane roofs. You can also use DDK-719 clips to secure cable on metal flashings, in gutters and on a variety of other materials. Use appropriate adhesive for the given substrate you are working with (see 'Supplies Required, below). On applications with nails or screws we recommend using with MKS-1022-2 Butyl Pads (3" x 3") to ensure a long-lasting, water-resistant seal around the fasteners. The DDK series clips are made of AL5052 Anodized Aluminum. DDK-719-1 has one cradle and the DDK-719-2 has two cradles.

## TOOLS REQUIRED

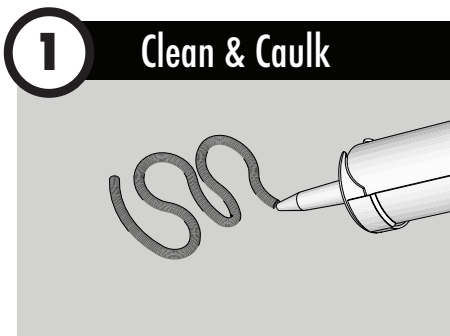
- Pliers
- Caulk Gun (if MKS-1022-2 Butyl Pads are NOT being used)

## SUPPLIES REQUIRED

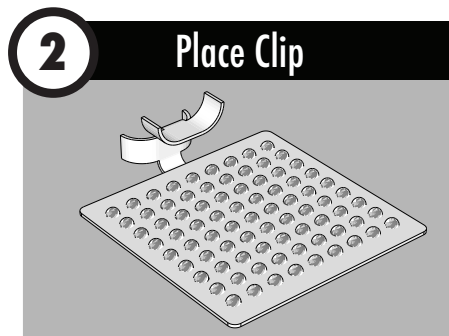
- For applications using fasteners use MKS-1022-2 Butyl Pads (3" x 3" x 1/8")
- For applications using adhesive only, use methacrylate adhesive caulk for bonding to metal surfaces, bonding adhesive for rubber membrane roofs and silicone caulk for bonding to asphalt shingle roofs.

## ADHERING CLIPS TO FLAT, NON-POROUS MATERIALS (NO-FASTENER APPLICATION)

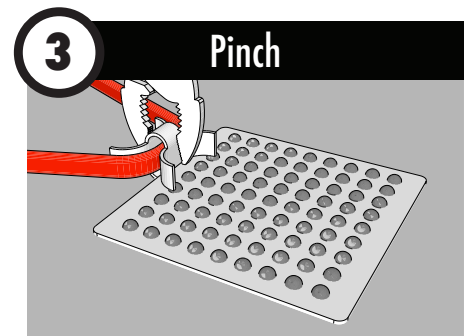
The DDK-719 Heat Cable Roof Clip can be attached with a variety of adhesives depending on the substrate. Use the appropriate adhesive for your application according to the roofing manufacturers recommendations and follow these steps:



Clean 4"x4" area with rubbing alcohol or other appropriate solution. Let Dry. Apply appropriate adhesive to area where clip will be installed.



Push clip down onto adhesive. Allow some adhesive to ooze out of holes in the clip as this will enhance the adhesive bond.



After adhesive has cured (usually 12-24 hours), place the heat cable into the cradle on the clip and pinch to close using your fingers or a pliers.

## ⚠ WARNING

DDK-719 Heat Cable Roof Clips should be installed in accordance with the heat cable manufacturers recommendations. Follow all design, installation, assembly and test instructions carefully. This product must be installed by a qualified person in accordance with this installation handbook and with the National Electric Code (U.S.) as applicable. All electric connections must be made by a qualified electrician according to the electrical and building codes effective in your region. Consult roofing manufacturer for components approved for use on specific roofing materials.

For more information visit [www.radiantsolutionscompany.com](http://www.radiantsolutionscompany.com)

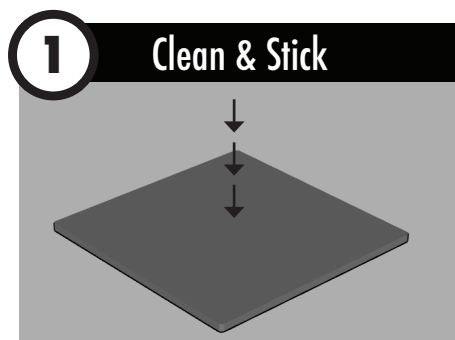
# DDK-719 LARGE GLUE-DOWN/NAIL-DOWN HEAT CABLE ROOF CLIP INSTALLATION MANUAL



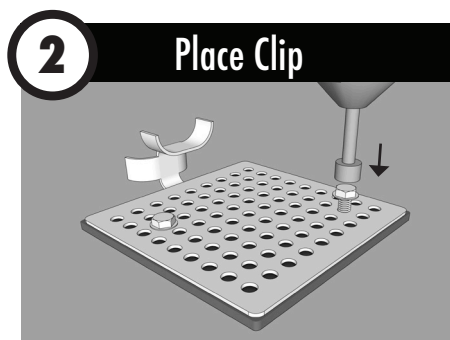
Freeze  
Protection  
Products

## INSTALLING CLIPS USING FASTENERS AND MKS-1022-2 BUTYL PADS (3"x 3"x 1/8")

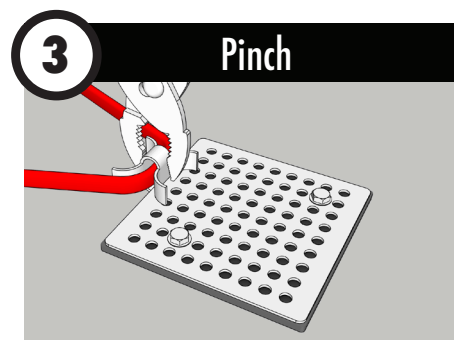
The DDK-719 clip can be installed using nails or screws in conjunction with the MKS-1022-2 Butyl Pad where a high-bond, water-resistant connection is desired. These butyl pads are sized to fit the DDK clips and offer superior water sealing and adhesive qualities that allow the DDK-719 clips to be used on a large variety of surfaces including wood, glass, plastic, metal, rubber and stone. Follow these steps:



**1 Clean & Stick**  
Clean 4"x4" area with rubbing alcohol or other appropriate solution. Let Dry. Peel backing paper off Butyl Pad and apply appropriate adhesive to area where clip will be installed.

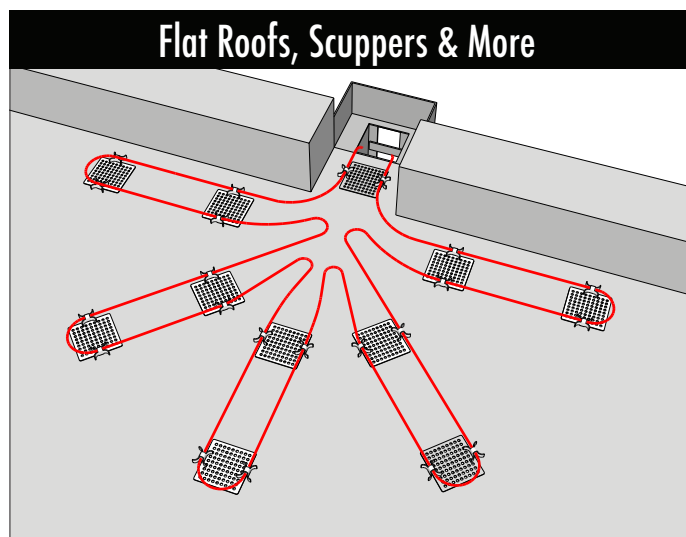


**2 Place Clip**  
Push clip down onto adhesive. Allow some adhesive to ooze out of holes in the clip as this will enhance the adhesive bond.

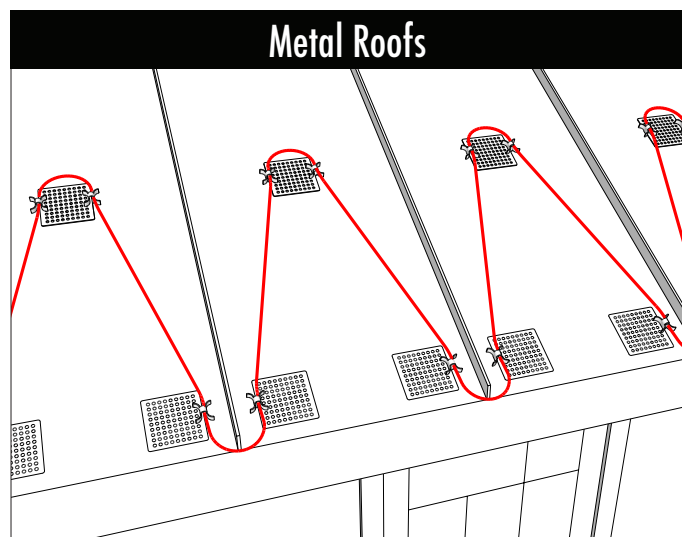


**3 Pinch**  
After adhesive has cured (usually 12-24 hours), place the heat cable into the cradle on the clip and pinch to close using your fingers or a pliers.

## COMMON APPLICATIONS AND OTHER INSTALLATION DETAILS



The DDK-719 Roof Clip can be used for a variety of flat roof applications, including on EPDM, TPO and PVC. This clip can be installed on any flat surface using the appropriate adhesive. Mark out your desired installation pattern and clip locations. After the clip areas have been cleaned, the clips can be installed using the same methods as described in previous sections. The DDK-719 clip can also be used on the back wall of open-face vertical downspouts to keep a single or double run of cable secure.



The DDK-719 Roof Clip can be installed on metal surfaces using methacrylate adhesives. One popular choice is SureBond 190\*. Clean the substrate area thoroughly before installing the clip to ensure a good adhesive bond. Place clip on the prepared surface and press down until the adhesive flows through the holes. Do not trim back the adhesive as the excess flow through helps hold the clip. Allow adhesive to cure per manufacturer's specifications before installing heating cable. Always verify the best adhesive for your project by asking the roofing manufacturer.

For more information visit [www.radiantsolutionscompany.com](http://www.radiantsolutionscompany.com)