

Installation Instructions

ROOF CLIP ADHESIVES

**3M™ VHB™ 4951 Pads
SB-190 EVERSEAL Adhesive**



SB 190

VHB Pad

APPLICATION 3M™ VHB™ 4951 PADS

The VHB pads are to be used with The RM-25-AL clips or other non-coated metal clips, not with the DT-AS-50 clips.

SURFACE PREPARATION

A pad location must be clean and dry. Typical surface cleaning solvents are a 50/50 isopropyl alcohol (rubbing alcohol) and water mixture. Scrubbing the surfaces with a solvent-saturated mild abrasive pad (i.e. Scotchbrite brand surface preparation products) and then wiping the surface clean provides good results.

Some materials; i.e. copper or brass, will require coating with lacquer or varnish to prevent oxidation of the surface.

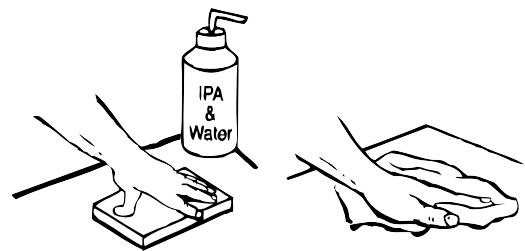
VHB pads cannot be used on asphalt shingles or rubber membrane materials.

RUB DOWN PRESSURE

Bond Strength is dependent upon the amount of adhesive-to-surface contact development. Firm application pressure develops better adhesive contact and thus improves bond strength. Apply pad to the first surface and press down with very firm pressure. Then apply the second surface and provide very firm pressure to the entire bond line.

DWELL TIME

After application, the bond strength increases and approaches the ultimate bond strength after 72 hours at 70°F (21°C).



Step A. Solvent Wipe.

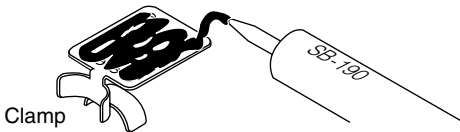
Step B. Wipe Dry.

Detail 1. Surface preparation and application instructions prior to installing VHB Pad.

Instructions for application of SB190 on page 2.

APPLICATION OF SB-190

1. Apply 0.2oz. of SB-190 to the back of DT-AS-50 roof clip. Refer to Detail 1. SB-190 minimum application temperature is 50°F (10°C). NOTE: SB-190 can not be used over rubber membrane.

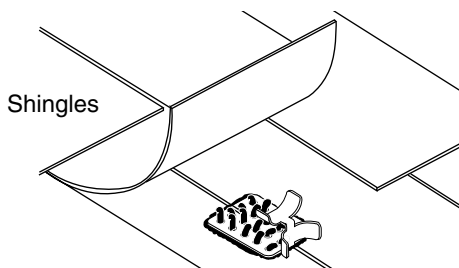


Detail 1. Apply SB-190 to back of clip.

2. Orient the DT-AS-50 roof clip as needed. Press down to ensure SB-190 adhesive flows through holes. Do not trim back SB-190 adhesive beads because they help hold the clip down. Refer to Detail 2.

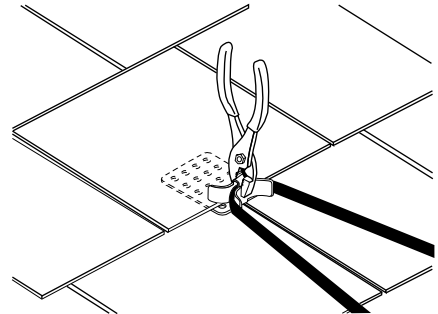
Push shingle down over clip leaving only clamps exposed.

Allow 24 hours for SB-190 adhesive to cure before installing de-icing cable.



Detail 2. Press cable to roof surface.

3. Install de-icing cable and use pliers to close clamps, ensuring not to damage cable. Refer to Detail 3.



Detail 3. Close clamps with pliers.

Allow 24 hours before installing de-icing cable.

TECHNICAL SUPPORT

A full set of installation instructions is included with order. Please call 1-800-526-7887 with any questions.