



ALPINE LEDGE-ANGLE SYSTEM Installation Instructions

Typical Roof Types:

- Façade
- Ledge
- Cornice
- Parapet
- Sloped Wall
- Terrace
- Balcony

IMPORTANT: This system must be installed above a supporting structural component.

Pre-Installation:

- The maximum spacing for the ALP LEDGE-ANGLE CLIP is 24" on center. The two outermost clips should be placed approximately 12" from each ALPINE LEDGE-ANGLE bar end, and additional clips should be spaced evenly.
- Install 3"-6" from the edge of the ledge.
- A 1/4 - 3/8" gap should be left between runs of the bar.
- Mark attachment locations on the roof surface and pre-drill holes for clips.
- Use a dry brush or air to ensure the roof surface is clear of all debris.

Installation:

1. Insert QTY 2 BUSHING B-200 bushings up through the bottom holes of each clip.
2. Slide quantity of clips onto the bar to meet the maximum 24" on center spacing.
3. Position the clips on the bar to match the marked attachment locations.
4. Insert fasteners through W-NEO SS-.200 and into bushings.
5. Tighten fasteners until the feet on the clip make contact with the roof surface.
6. Tighten all SET-O SS-10-32X.1875 set screws to 20 in-lb until the bar is held in place.

Conditions:

- Less than or equal to 4:12 roof pitch
- Rafter length is less than 4'
- Snow load is less than or equal to 50psf

If all the above conditions are met, use (1) row with fasteners spaced 24" O.C. or less, based on a minimum fastener shear load of 865lbs ultimate for two fasteners. For all other conditions, contact Alpine SnowGuards.

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