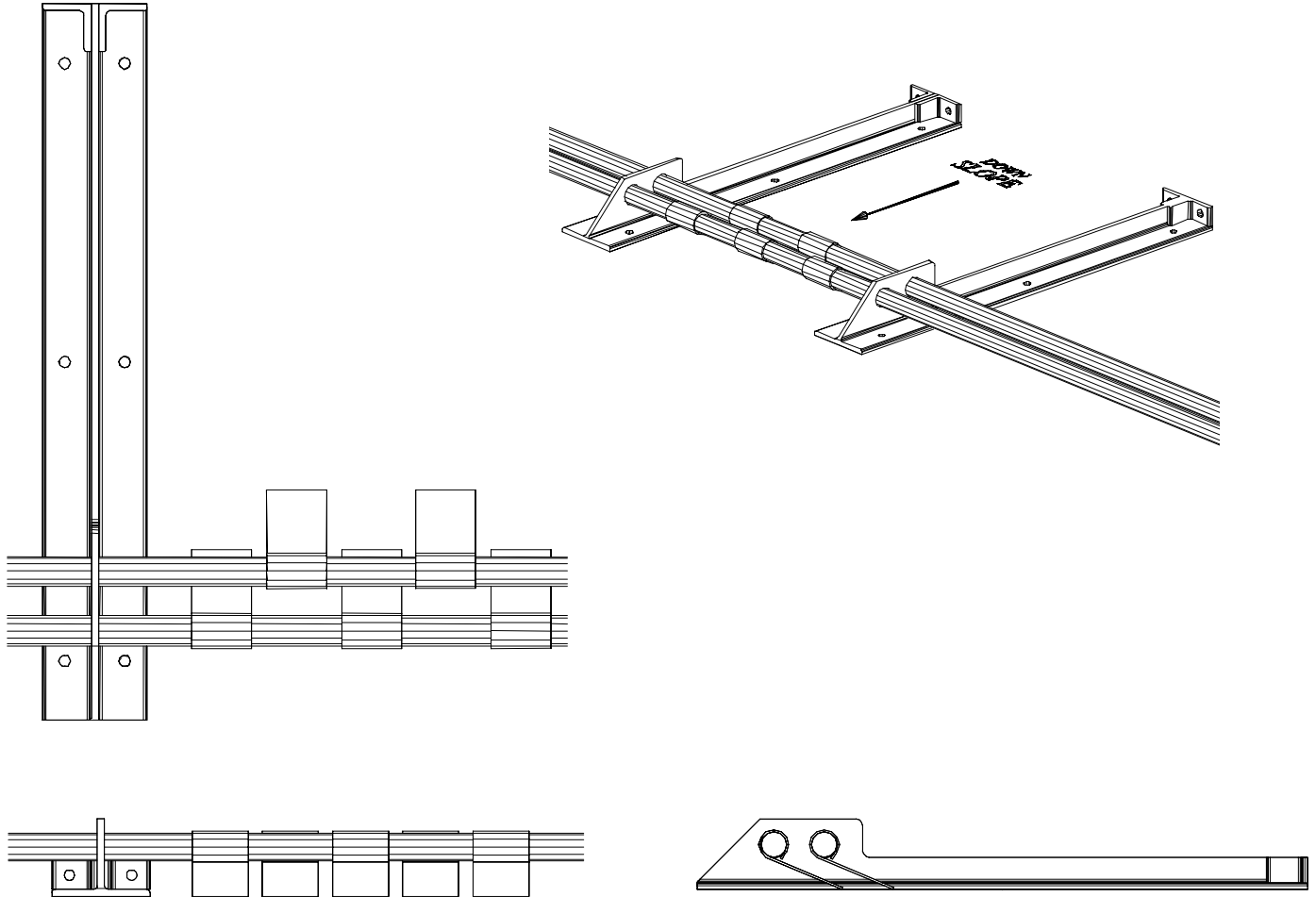




# ALPINE SNOWGUARDS

A Division of Vermont Slate & Copper Services, Inc.

Web [www.alpinesnowguards.com](http://www.alpinesnowguards.com)  
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289 Harrell Street, Morrisville, VT 05661



## #345 Snowguard for Building Ledges

Length can be custom manufactured to match any ledge dimension.

Document version 08.02.2004



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## #345 Aluminum Snowguard Specification Sheet

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. WORK INCLUDES

1. #345 Snowguard that attaches directly to the roof deck or building ledge.
2. Provide appropriate snowguard and fasteners for the roof system.

##### B. RELATED SECTIONS

1. Section 07600: Flashing and Sheet Metal.
2. Division 7: Thermal and Moisture Protection.

#### 1.2 SYSTEM DESCRIPTION

##### A. COMPONENTS:

1. #345 Snowguard system consists of a snowguard bracket.
2. Aluminum tubing.
3. Threaded Couplings.
4. End Caps (optional).
5. End Collars (optional).
6. Fasteners
  - a. To be of metal compatible with snowguards.
  - b. Fasteners should be selected for compatibility with the roof deck or building ledge.
  - c. Fastener strength should exceed or be equal to that of the snowguard system.
7. Sealant: to be roof manufacturer approved.

##### B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. A minimum of 2 fasteners per snowguard.
3. It is important to design new structures or assess existing structures to make sure that they can withstand retained snow loads.

1.3 SUBMITTAL - Submit manufacturer's specifications, standard detail drawings, recommended layout and installation instructions.

1.4 QUALITY ASSURANCE - Installer to be experienced in the installation of specified roofing material for not less than 5 years in the area of the project.

1.5 DELIVERY / STORAGE / HANDLING - Inspect material upon delivery and order replacements for any missing or defective items. Keep materials dry, covered and off the ground until installed.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURER

- A. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc., P.O. Box 430, Stowe, VT (888) 766-4273.

#### 2.2 MATERIALS

- A. Snowguard Block is extruded and milled 6061-T6 Aluminum
- B. Tubing is 6061-T6 and/ or 6005-T5, 1" outside diameter and 1/8" wall thickness extruded Aluminum.
- C. Threaded Couplings are 6061-T6 Aluminum 5" long.
- D. End Caps are 302 stainless steel.
- E. End Collars are 6061-T6 Aluminum.
- F. Fasteners are 302 or 304 Stainless Steel.

2.3 FINISH - All materials provided mill finish.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Substrate: Inspect roof system to be properly attached and installed to withstand additional loading incurred.  
Notify General Contractor of any deficiencies before installing Alpine SnowGuards.

#### 3.2 INSTALLATION

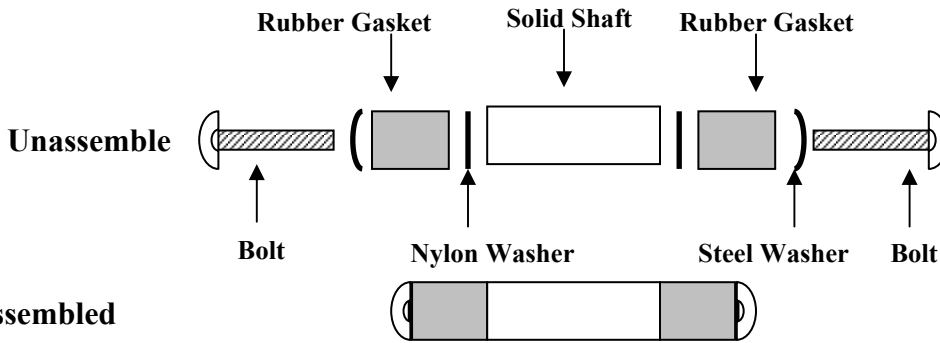
- A. Comply with architectural drawings for location and with Manufacturer's instructions for installation and layout.

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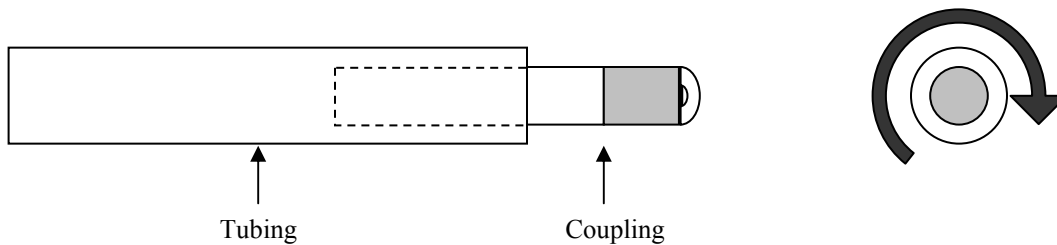


## Installation of #86 Pipe Coupling

Couplings come assembled and ready for application. If they come unassembled or loosened during shipping then assemble as per the detail below. **DO NOT OVERTIGHTEN** prior to inserting the coupling into the #75 tubing. Overtightening the bolt will cause the gasket to expand and make installation of the coupling difficult.



1. Insert assembled coupling into the end of one pipe so that half of the solid aluminum shaft is inserted.
2. Begin twisting the exposed half of the coupling in a clock-wise motion until the rubber gasket engages the pipe. Continue to tighten until the coupling can not be easily pulled out of the pipe.



3. Slide next section of tubing over the exposed half of the coupling. Begin twisting the tubing in a clock-wise motion until the rubber gasket engages the pipe. Continue to tighten until the tubing can not be easily pulled off of the coupling.
4. If the system needs to be unassembled, simply turn the tubing counter clockwise until the coupling disengages. Then turn the coupling's solid shaft counter clockwise until it disengages from the tubing.

