



SC1 Snow Fence 3-Part Specification

PART 1 GENERAL

1.1 SUMMARY

A. Work Includes

1. SC1 single pipe non-penetrating standing seam snow fence that clamps to standing seam ribs
2. Provide necessary components: Clamps, Fence Pipe, Collars, End Caps
3. Provide adequate attachment of standing seam panel to roof structure

1.2 RELATED SECTIONS

1. Section 07610 Standing Seam Metal Roofing
2. Section 07410 Preformed Metal Roofing
3. Section 07600 Flashing and Sheet Metal

1.3 SYSTEM

A. Components

1. SC1 Clamp consists of a two-piece clamp and two 3/8" carriage bolts with nuts
2. Aluminum, 3/4" Schedule 40 Fence Pipe
3. Locking Collar
4. End Cap
5. Optional Ice Flag

B. Design - To be recommended by Manufacturer or Structural Engineer.

1.4 SUBMITTAL - Submit Manufacturers Specifications, recommended layout, product drawings and installation instructions.

1.5 QUALITY ASSURANCE - Installer to be experienced in roofing and snow retention for a minimum of not less than 5 years.

1.6 DELIVERY/STORAGE - Inspect material upon delivery and inform distributor of any damaged or missing items. Protect materials from damage until installation.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Ice Control Engineering, Inc. – 1130 North 1565 West Orem, Utah 84057
Tel. (801) 420-8662; Email: info@icecontrolengineering.com Web: www.icecontrolengineering.com

2.2 MATERIALS

- A. SC1 Clamp - 3/16" zinc plated steel
- B. Bolts and Nuts - 3/8" x 1 3/4" zinc plated carriage bolt and 3/8" zip lock zinc plated nut.
- C. Fence Pipe - 3/4" schedule 40 pipe, (1.050" O.D.) Aluminum, 10' 2" length with crimped end
- D. 1 1/8" Pipe Collar zinc plated steel
- E. 1/2" Pipe End Cap zinc plated steel
- F. Ice Flag 0.090" Aluminum with 3/8" x 1 3/4" Carriage Bolt and Nut (optional)

2.3 FINISH - TGIC Polyester powder coating

PART 3 EXECUTION

3.1 EXAMINATION - Inspect roof structure and panel attachment to insure it will withstand ice and snow loads. Correct all problems before installation of snow fence.

3.2 INSTALLATION - Install according to architects' drawing and manufacturer's instructions.