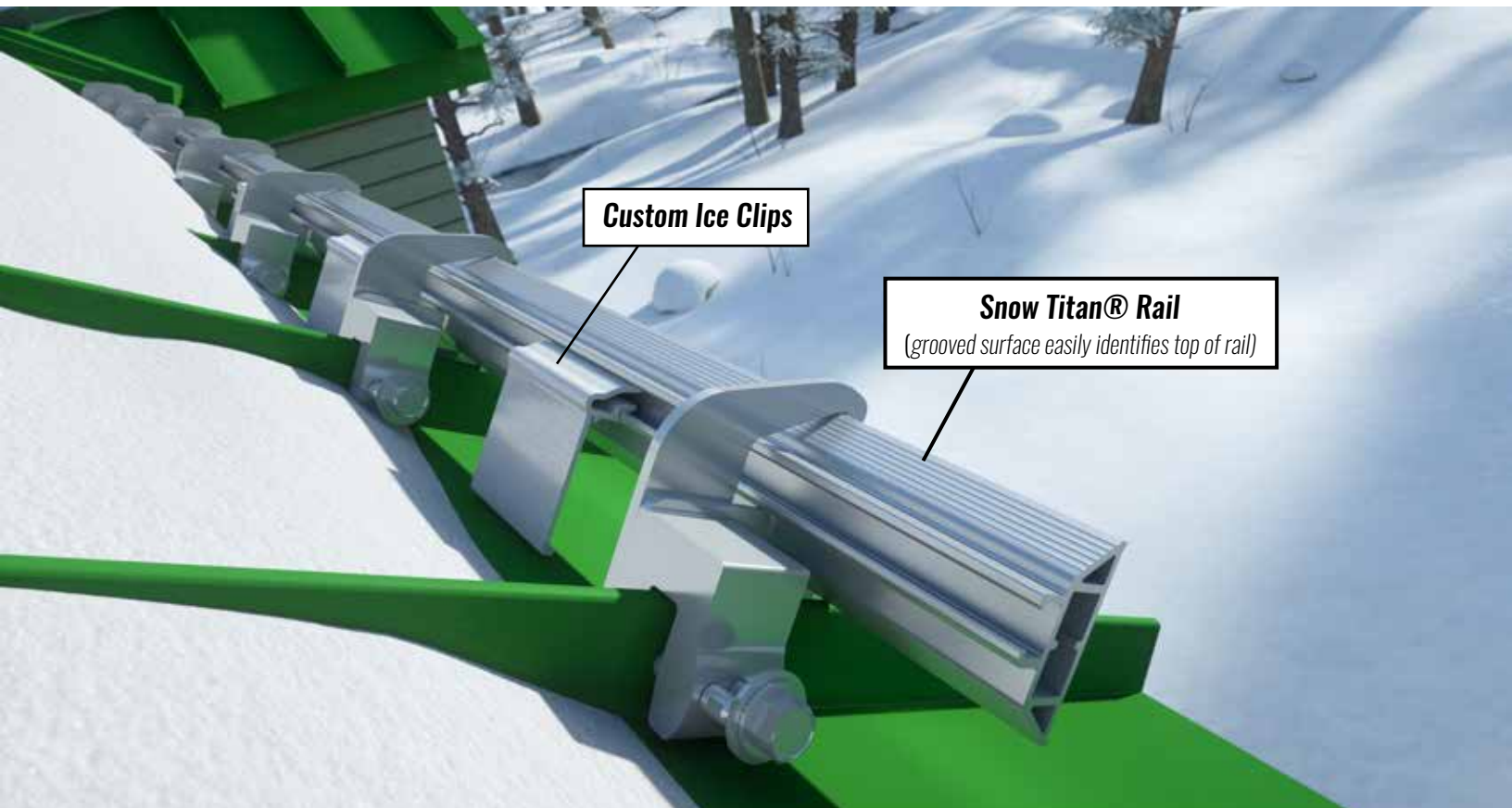


Required Components



Installation Tips & Precautions

Continuous runs of rails should be limited to 100 feet maximum to allow for thermal expansion.

Install each AceClamp[®] to the recommended torque limit for the panel material and thickness.
(See AceClamp[®] Torque Data Sheets or contact your AceClamp[®] A2[®] distributor.)

Trim rails if necessary so that the rail does not extend more than 6" beyond each end of the AceClamp[®].

A bracket/clamp is to be installed on each standing seam unless otherwise noted.

At no time should you use the installed Snow Titan™ rail as part of your fall protection system.

Snow Titan® INSTALLATION INSTRUCTIONS

REQUIRED TOOLS:



Industrial grade screwgun



9/16" & 7/16" hex socket & adaptor for screwgun



chalk line or laser



Dial indicator torque wrench



Sawzall to trim excess length of rail

AceClamp® & Rail Installation

Follow the instructions that apply to the specific roof panel for the correct orientation of the AceClamp®

STEP #1

Snap a line or use a laser to line up the positions of the AceClamps® on the roof panel seams. A bracket/clamp is to be installed on each standing seam unless otherwise noted. Remember, you'll want to place your first row of snow guards 12" above the gutter, or directly over the support wall.

STEP #2

Working in 7.5' increments, use a 9/16" hex bit in your screw gun to attach AceClamps to the roof ribs at each location marked in Step #1.

STEP #3

Next, tighten to the torque values that are appropriate for your panel material and thickness. (The Titan Bracket is attached to the AceClamp® A2® at the factory for your convenience. Please see the AceClamp® Torque Data Sheet or one of your local distributors for recommended torque limits.)

STEP #4

Set the rail in the open brackets, positioning it so that the surface with the grooves is at the top and the end overhangs no more than six (6) inches. Close the bracket and tighten the 7/16" hex bolts to 100 in-lbs. (If installed correctly there should be no play within the closed and tightened brackets.)

STEP #5

Going to the next 7.5' section, repeat 1 through 5 attaching the new Rail to the installed Rail by sliding two Rail Connectors into both Rails.

STEP #6

Install the Ice Flags centered between the roof panel ribs by snapping them into place in the ribs of the rail. There should be a gap between the bottom of the ice clip and roof panel. Contact AceClamp for proper fit should you have any questions.

STEP #7

Continue to assemble additional lengths of Rails until either the run is complete or you have installed 100 feet of Rails. (Continuous runs should be limited to 100 feet max. to allow for thermal expansion.)

STEP #8

Rails should not extend more than 6" beyond the last AceClamp in your run.

ACE CLAMP®
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