

RoofClamp Specification Sheet:

RoofClamp RC, RoofClamp RCT

Part 1 General

1. RoofClamp non-penetrating Metal Roof Clamps for accessory attachment to standing seam metal roofs and walls.
 - a. Mechanically fastened to prefinished, painted, or galvalume metal roofs.
 - i. RoofClamp RC
 - ii. RoofClamp RCT
2. Constructed of heavy-duty extruded aluminum with stainless steel components.
3. Roof accessory attachment clamps for standing seam metal roofs and walls:
 - a. Without penetrating seams/panels.
 - b. With minimal dimpling of panel seams.
 - c. Without voiding the lifetime warranty.
 - d. With only cupped tip set screws torqued to 90in/lbs.
4. Related Sections:
 - a. Master Format™ 2004 Section [07 41 00 - Metal Roof Panels:] [07 61 00 - Sheet Metal Roofing:]
 - b. Master Format™ 2004 Section [07 72 53.01] [07 72 53.02] - Snow Guards: Snow guards for metal roof system.
 - c. Section [____ - _____]: Roof-mounted [equipment.] [walkways.] [parapet bracing.] [solar panels.] [accessories.] [_____]
 - d. Section [____ - _____]: Roof-mounted piping.
 - e. Section [____ - _____]: Roof-mounted conduit.
5. Submittals:
 - a. For Review:
 - i. Shop drawings should include clamp spacing, accessory type being attached and locations of clamps.
 - ii. Data sheets with description(s) of the product(s) and their installation instructions.
 - iii. Clamp samples
 - b. For Quality Control
 - i. Provide product load testing data and test results performed on panels.
 1. Provide independent laboratory test data for product tensile load strength
 2. Data outlining failure under load in regard to the specific panel(s) proposed for the project.
6. Warranty
 - a. Lifetime Warranty
 - i. Provide warranty information from manufacturer covering against material and/or workmanship defect(s).

Part 2 Product

1. Acceptable Manufacturer

IceBlox, Inc., d.b.a.

Snoblox-Snojax

1405 Brandon Road

Mechanicsburg, PA 17055

Phone:

(800) 766-5291

(717) 737-4398

Fax:

(800) 634-7906

(717) 697-6141

Online:

www.roofclamp.com

support@snojax.com

Warehouse:

671 Willow Street

Lemoyne, PA 17043

2. Substitutions – Not Permitted

Materials

1. Extruded 6061 – T6 Aluminum
2. Stainless Steel Components
 - a. 1 ¼" x 3/8" threaded cupped nose set screws. Round nose set screws not permitted.
 - b. 3/8" threaded top-mount bolt w/ washer

Part 3 Execution

Typical Preparation

1. Clean point of attachment prior to installation removing all loose material that could hinder performance
2. Verify that installation will not negatively affect roof draining ability
3. Verify that roof is in serviceable condition and can safely withstand any additional loads the clamps may present.

Installation

1. Mechanical Fastening Installation
 - a. Position RoofClamp to be centered on seam when all screws are properly torqued.
 - b. Finger tighten set screws (DO NOT attach to roof clip)
 - c. Apply downward pressure and then tighten screws to 90in/lbs with torque wrench, beginning with single set screw
 - d. Attach roof accessories to top mounting screw
 - e. Tighten to 90in/lbs