SnowGuardWarehouse.com

Snow Guards and Rails for All Types of Roofs

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1.0 PRODUCT NAME

BERGER Real Tool® **RT 200** Snow Guard

2.0 MANUFACTURER

Berger Building Products, Inc
805 Pennsylvania Blvd.
Feasterville, PA 19053
info@bergerbuildingproducts.com
(215) 355-1200
(800) 523-8852
(215) 355-7738 (FAX)

3.0 DESCRIPTION

Basic Use: BERGER Real Tool® **RT 200** Snow Guard is a device designed for the prevention of damage caused by the sliding of snow and ice on standing seam metal roofs.

Limitations: BERGER Real Tool® **RT 200** Snow Guard is designed to accommodate a seam of up to 0.188" thick and is suited for light gauge sheet metals such as 40lb terne, 26 gauge galvanized, 16oz copper, lead coated copper and TCS.

Finish Styles: BERGER Real Tool® **RT 200** Snow Guards are manufactured in four finishes: Bronze, Mill Finish, Primer Finish, and Custom Color Finish. The mill-finished is an unpainted aluminum casting. The primed is E Coated using a Cathodic Electro Deposition process. The CED Epoxy primer has a black color and extended shelf life that can be top coated by contractors with a wet or dry paint system. This primer must be top coated prior to installation. BERGER will also provide the **RT 200** in a custom color finish. Imron® polyurethane enamel paint is used for the custom color finish and can be matched to virtually any non- metallic paint finish.

4.0 INSTALLATION

Preparation

Determining Proper Torque

Torque will vary depending on the type and gauge of the metal roof. The recommended method for determining proper torque is to install one unit first. After tightening the stainless steel set screws, loosen and remove the unit, inspecting the indentations created in the seam to see that the proper compression was obtained. Remember, the screw closest to the blade derives its strength from the blade, and if extra torque is needed, apply it to that screw.

Application

Snow Guard Placement

Snow Guard placement will vary from region to region. Roof pitch, as well as lengths of runs and seam spacing influence the layout. Local custom may not be the best guide as to placement. Additional recommendations can be found in SMACNA and other industry standards. BERGER can provide free custom layout design. Ultimately, placement should be determined by a qualified design professional.

5.0 AVAILABILITY, COST & TECHNICAL SERVICE

BERGER Real Tool® **RT 200** Snow Guards are in stock are in stock and ready for immediate shipment. Call (800) 523-8852 for cost and additional information or technical assistance

6.0 WARRANTY

Berger Building Products, Inc (BBPI) warrants that the products it manufactures shall be free from material defects. Should any of the products prove defective, the obligation of BBPI under this warranty shall be limited to replacement of the defective product or at our option the cost of the product originally shipped by Berger. This warranty is expressly in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for a particular purpose. There are no warranties, which extend beyond the description on the face hereof. BBPI in no event, whether claim is based on warranties, contract negligence or otherwise, is liable for incidental or consequential damages. Berger Building Products, Inc (BBPI) will not be responsible for misapplication or modification of product, incorrect material or defects that were obvious at time of installation. Any consequential damage, schedule delays, additional labor, and or equipment rental costs will not be BBPI responsibility. Any BBPI product warranty claim is limited solely to Berger Building Products, Inc

Product Properties	**BERGER Real Tool® RT 200 Snow Guard**
Material	**Aluminum Castings**: ALMAG 35 535 Alloy ASTMB26 QQ-A-601E 40,000 PSI Ultimate Tensile Strength 20,000 PSI Ultimate Yield Strength **Bronze**: CDA 875 Silicon Bronze Alloy, ASTM B 85 Ultimate tensile 64,000 PSI Yield strength 26,000 PSI
Color / Finish	Mill Finished
	Primer Finish
	Custom Color
	Bronze
Weight per piece	.300 lbs.- Aluminum / .620 lbs.- Bronze
Pieces per box	100 – Aluminum / 50 - Bronze

*Imron® is a registered trademark of Dupont

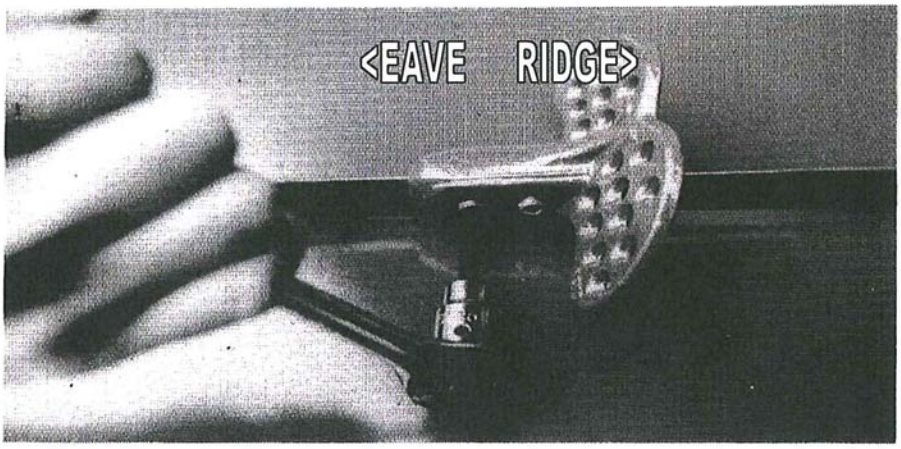
BERGER Real Tool™
RT 200/RT 300 Snow Guards
Installation Instructions

The **RT** snow guard's primary design is to accommodate standing seam metal roofs.

The **RT 200** will accommodate a seam of up to 3/16" (0.188") thick and is suited for light gauge sheet metals such as 40lb Terne 26 gauge galvanized, and 16 oz copper, lead coated copper and TCS.
The **RT 300** will accommodate a seam of up to 9/32" (0.297") thick and is suited for heavier gauge metals such as 24 gauge pre-finished metal and products of similar thickness

Finishes: Mill Finished Aluminum, Primer Finish, Bronze and Custom Color.

Installation: A 3/16" hex bit will be needed for installation. Torque will vary depending on the type and gauge of metal roofing. The recommended method for determining proper torque is to install one unit first, with blade on the uphill side. After tightening the setscrews, loosen and remove the unit, inspecting the indentations created in the seam to see that proper compression was obtained. Remember, the screw closest to the blade is the real workhorse as it derives its strength from the blade, and if extra torque is needed, apply it to this screw. **Over tightening can cause damage to snow guard resulting in failure. Maximum torque 20 ft lbs**



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