



## 1.0 PRODUCT NAME

BERGER Real Tool® RTCLSM & RTCLSR  
Clear Plastic Snow Guards

## 2.0 MANUFACTURER

Berger Building Products, Inc  
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Feasterville, PA 19053  
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## 3.0 DESCRIPTION

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

**Limitations:** When installing a BERGER Real Tool® Clear Plastic Snow Guard using only the SB-190 adhesive/sealant, allow 28 consecutive days of at least 50°F or warmer to permit the adhesive/sealant to cure completely. If these conditions cannot be met, SB 1800 adhesive can be used temperatures as low as (-20F), and will fully cure in 24 hours. In some extreme cases, temporary measures may need to be employed to hold the snow guard in place until the adhesive begins to cure.

**Styles:** BERGER Real Tool® Clear Plastic Snow Guards are manufactured in two styles; The **RTCLSM** is designed to attach to the flat metal panel surface. The **RTCLSR** is designed to mount over a structural rib.

## 4.0 INSTALLATION

### Mechanical Attachment

**RTCLSM** have pre-drilled holes to accommodate #10 Type A self-tapping fasteners (flat or oval head), while **RTCLSR** have starter dimples to designate screw position.

### Structural Rib Installation

When installing a BERGER Real Tool® Clear Plastic Snow Guard over a structural rib (**RTCLSR**), remove only the section of baffle from the underside necessary to accommodate the rib. This is easily accomplished with pliers and a twisting motion. The remaining portion of the baffle will help prevent adhesive creep. This style of snow guard will accommodate a rib up to 3/16" high and 1.75" wide.

## Adhesive Attachment

Before installing, all contact surfaces should be wiped with Isopropyl Alcohol and allowed to dry completely. The (SB-190 or SB-1800) adhesive/sealant should be applied in a manner that will completely coat the underside of the device before positioning it on the roof surface. After adhesive/sealant is applied, sufficient compression should be created to squeeze the adhesive/sealant out around the perimeter. Also, a bead of the same material should be applied around the base of the guard to create a waterproof joint that will be free of gaps and air pockets

## 5.0 AVAILABILITY, COST & TECHNICAL SERVICE

BERGER Real Tool® Clear Plastic Snow Guards 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		Real Tool® RTCLSM & SR Snow Guards	
<b>Material</b>		Polycarbonate with UV Stabilizers	
<b>Color</b>		Clear	
<b>Weight per piece</b>		.275 lbs.	
<b>Pieces per box</b>		50	
<b>Dimensions (W x L x H)</b>		3 1/2" x 6" x 2 1/2"	
<b>Tensile</b>	<b>Strength</b>	ASTM D-638	730 Kg/cm <sup>2</sup>
	<b>Elongation</b>	ASTM D-638	140 %
	<b>Strength</b>	ASTM D-790	940 Kg/cm <sup>2</sup>
	<b>Modulus</b>	ASTM D-790	23100 Kg/cm <sup>2</sup>
<b>Impact Strength</b>		ASTM D-256	90 Kg.cm/cm
<b>MFI (300° x 1.2 Kg)</b>		ASTM D-1238	11.2 G/10 min

\*SB-190 Everseal & SB-1800 Everflex are products of Surebond, Inc.