



1. Product Name

IceBrakes - Metal Snow Guards for Metal Roofs

2. Manufacturer

East Coast Roof Specialties
 a Division of East Coast Lightning Equipment, Inc.
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3. Product Description

BASIC USE

East Coast Roof Specialties, a division of East Coast Lightning Equipment, Inc., has been a leading manufacturer of rooftop specialty equipment for over 20 years.

IceBrakes are designed to deter the sudden release of damaging and potentially dangerous avalanches of snow and ice from metal roofs. IceBrakes hold the accumulated snow in place, allowing it to melt away gradually.

The unique hole pattern on the surface of IceBrakes allows the attachment adhesive to rise and form "rivets" to lock each IceBrake in place. This installation method avoids the maintenance and potential roof damage associated with mechanically fastened snow retention products.

COMPOSITION & MATERIALS

IceBrakes are made from high quality 319 alloy aluminum, which will not rust or discolor and is compatible with steel roofing materials.

TYPES

Two IceBrakes models are available, SG1 and SG2, and they accommodate a wide variety of metal roof pan dimensions. Both models feature a broad base and a low profile that project just over 1" (25.4 mm) from the surface of the roof. IceBrakes cast little shadow and are less conspicuous from a distance than taller style snow guards.

BENEFITS

- Durable aluminum castings
- Will not discolor or break
- Low profile
- Dozens of colors
- Made in the U.S.

FINISH

A variety of finishes is available, including:

- Bare Mill Finished Aluminum - Most economical finish. Always available for shipment, mill finish IceBrakes blend nicely with white, gray and bare metal roofs
- Powder Coat Colors - Available in dozens of colors to match a variety of roofs
- Custom Colors - Can be matched to the roof sample provided
- Bronze - IceBrakes cast in bare red bronze are compatible with copper roof systems

ACCESSORIES

East Coast Roof Specialties recommends Durasil brand adhesive by Chemlink, Inc., for installation of IceBrakes. Durasil is compatible with metal roof surfaces, including Kynar. Usage guidelines:

- Model SG1 - One 10.3 oz tube per 10 pieces
- Model SG2 - One 10.3 oz tube per 15 pieces

4. Technical Data

Not applicable.

5. Installation

PREPARATORY WORK

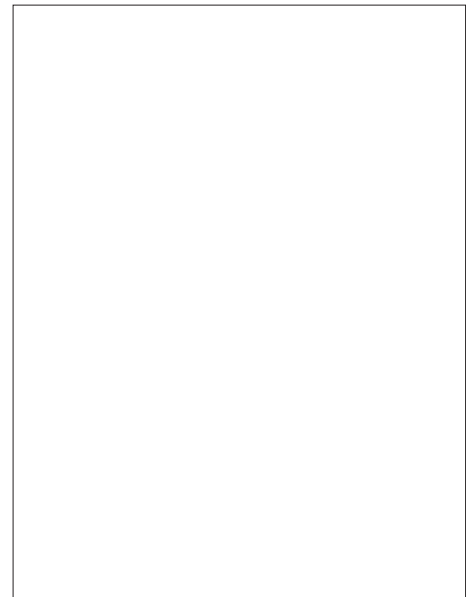
Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

Verify that site conditions are acceptable for installation. Do not proceed with installation until unacceptable conditions are corrected.

METHODS

Ensure roof surface is clean and free of dirt, oil and residue. Clean application surface with alcohol and allow it to completely dry before installing IceBrakes. For best results, measure and mark the IceBrake locations prior to installation. IceBrakes should be evenly spaced and placed in accordance with layout recommendations.

Generously apply adhesive to cover the entire bottom of the IceBrake. The IceBrake should be pressed firmly in place with the fin toward the eave. Adhesive should rise evenly through the vent holes and around the edges.



IceBrakes - Metal Snow Guards

Apply a small bead of adhesive around the perimeter of the IceBrake. If the IceBrake is spanning any type of striation or panel profile projection, the sealant must fill area under IceBrake so that moisture cannot enter.

To ensure proper adherence, manufacturer recommends IceBrake set for at least 3 days while temperatures are no lower than 40 degrees F (4 degrees C). Depending on temperature, adhesive will reach maximum strength in 7 - 14 days.

PRECAUTIONS

- Failure to apply enough adhesive to allow "rivets" of material to rise through vent holes could prevent IceBrakes from functioning properly
- East Coast Roof Specialties is not responsible for determining the structural integrity or load capacity of any roof structure. Consult licensed design professional for such determinations

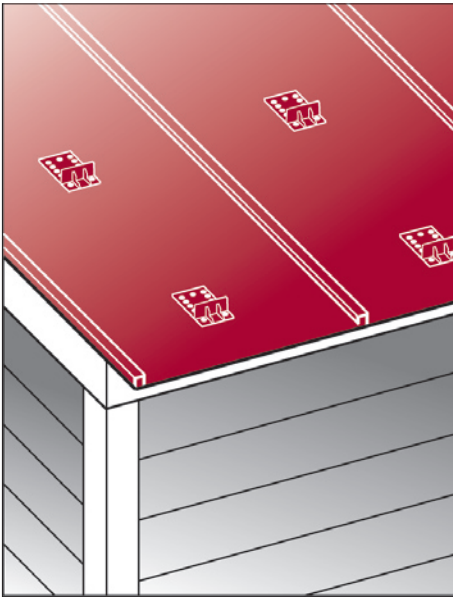
BUILDING CODES

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions..

6. Availability & Cost

AVAILABILITY

Products are available from certified distributors. Contact manufacturer for information on local availability.



Possible roof layout



Stop sliding ice hazards

COST

Budget installed cost information may be obtained from the manufacturer.

7. Warranty

IceBrakes are guaranteed against breakage for the life of the roof. Complete warranty terms and conditions are available from the manufacturer.

8. Maintenance

None required.

9. Technical Services

A staff of factory trained service personnel offers design assistance and technical support. For technical assistance, contact East Coast Roof Specialties.

10. Filing Systems

- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.