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## SNOW RETENTION SYSTEM MAINTENANCE

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All snow retention products require regular and ongoing maintenance throughout their useful life as they are subject to varying, and sometimes harsh and extreme weather conditions on a daily basis. Sno Gem® products are no exception, regardless of whether using any of our Sno Gem® snow guards or our Sno Barricade® bar system. Sno Gem®, Inc. strongly recommends that your Sno Gem® products be inspected by a qualified roofing contractor as part of an annual or bi-annual roofing inspection or following severely inclement weather. Sno Gem®, Inc. is not responsible for any Sno Gem® products which have not been properly serviced and maintained.

Sno Gem® must be contacted immediately upon the owner becoming aware of any issues including, but not limited to: product release, product shift and looseness or breakage. Failure to timely address any such issues may result in the entire snow retention system being compromised. Please keep in mind that the architect or engineer designed the project utilizing, in part, historical data to project the snow load which could reasonably be expected in that particular geographic region. Excessive snow loads beyond the Architect and/or Engineer's projections may impact the performance of the Sno Gem® product.

**Below are some general maintenance suggestions for each type of Sno Gem product:**

**Polycarbonate and/or Metal Snow Guards – Fastened Using Mechanical Fasteners:**

- Inspect each snow guard to insure assembly is intact.
- Inspect fasteners into the roof deck are properly secure and in place.

**Polycarbonate and/or Metal Snow Guards – Tube Adhesive and/or Tape Mounted:**

- Inspect each snow guard to insure assembly is intact.
- Inspect consistent sealant around the perimeter. Re-apply any areas as needed.
- Inspect snow guards for slippage or any peeling of the tape.

**Metal Snow Guards – Soldered and Plate Attachment:**

- Inspect each snow guard to insure assembly is intact.
- Inspect snow guards for any slippage or looseness.

**Deck Mount Bar System Models – Fastened To Roof Deck:**

- Inspect each bracket/base plate to insure assembly is intact.
- Inspect all fasteners in to the roof deck are properly secure and in place.
- Inspect any snow guard related waterproofing and replace or repair where necessary.
- Inspect tubing has bent or shows any other evidence of failure or damage, contact the manufacturer immediately.
- Inspect Barricade Plate set screw for tightness.

**Rail Type Snow Retention Systems – Clamp-On To Standing Seam:**

- Inspect each clamp to insure assembly is intact.
- Inspect and check each set screw to insure proper fastening and torque requirements have been maintained.
- Inspect tubing has bent or shows any other evidence of failure or damage, contact the manufacturer immediately.
- Inspect Barricade Plate set screw for tightness.

If you discover any issues with your Sno Gem product, please contact our office immediately.