

**CHEM LINK**

**Construction & Maintenance**

Telephone: 800-826-1681

Fax: 269-679-4448

353 E. Lyons Street

Schoolcraft, MI 49087

[www.chemlink.com](http://www.chemlink.com)

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**Product Description**

Dangerous snow slides can occur when ice and snow build up on pitched roofs. Help reduce the possibility of personal injury or property damage by installing **SNOWSHOES** on sloped roof areas.

**SNOWSHOES** are molded from a tough polycarbonate polymer that can withstand heavy impacts at low temperatures. Effective on all metals, including Kynar 500® PVDF coated metal and copper. Also for use on slate, tile, EPDM rubber and PVC and TPO membranes. TPO primer is required with TPO membrane installation.

**SNOWSHOES** are designed with a unique “stealth” profile to be strong and inconspicuous. They are molded with a translucent matt finish that picks up the background color of roofing materials without reflecting sunlight. Paintable if strict color matching is required.

Installation is easy with translucent **DuraSil™** adhesive provided in every kit. No screws or mechanical fasteners are ever required. **DuraSil** bonds aggressively to all roofing materials, including Kynar finishes. It bridges irregularities and will never shrink.



**Advantages**

- Solvent free, 100% solids, will not shrink
- Bonds to Kynar 500® PVDF metals
- Good color stability, will not suntan
- Paintable (pre-installation)
- Application at temperatures as low as 40°F (4°C) and rising.
- Neutral cure. Will not promote corrosion of metals

**SNOWSHOE Kit Components**

- 24 **SNOWSHOES**
- 3 Cartridges of **DuraSil** Sealant/Adhesive
- 1 Pair of gloves
- 1 Applicator stick
- 1 Application guide

**Green Standards:**

- LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point
- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content: less than 33 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)

Colors	
Clear	Smoke

**SNOWSHOE** size - 6" x 3 1/2" x 2 3/4" (LxWxD)



## Step 1.

Remove all surface contamination such as dirt, oil, caulking, and roof mastics from bonding area. Clean bonding surface with alcohol. New galvanized steel may require a vinegar scrub to remove protective wax coating. Wipe area dry before bonding.



## Step 2.

Mark position of each part before starting installation. Lay out **SNOWSHOES** with a tape measure in two staggered lines, approximately two feet apart horizontally and two feet apart vertically. To help prevent ice dams, set first row no less than one foot above plane of exterior wall.\* (Refer to page 3)



## Step 3.

Roofs with a 6/12 pitch or greater require a third staggered row of **SNOWSHOES**. Also, if the distance from roof edge to peak is thirty feet or greater (regardless of slope), two additional staggered rows of **SNOWSHOES** should be installed at the mid-point. It is also recommended that **SNOWSHOES** be installed over all doorways and roof valley areas for added protection.



## Step 4.

Apply enough **DuraSil** adhesive to coat entire bottom of **SNOWSHOE**. Evenly tool adhesive with wooden applicator, so that a sufficient amount will bridge all gaps on textured surface.



## Step 5.

Press **SNOWSHOE** firmly in place above positioning mark with pointed end down. Press until excess adhesive is uniformly squeezed out around edges and through all vent holes. Transfer excess adhesive to bottom of next **SNOWSHOE**.



## Step 6.

Apply a small bead of **DuraSil** adhesive around perimeter of **SNOWSHOE** to seal edges.



## Step 7.

Tool off excess adhesive from top of **SNOWSHOE**. Carefully tool edges with wooden applicator at a 45 degree angle to form a smooth, continuous fillet. At least three days of 40°F (4°C) are required for **DuraSil** adhesive to set. Depending on temperature, **SNOWSHOE** installations develop full strength in seven to fourteen days.

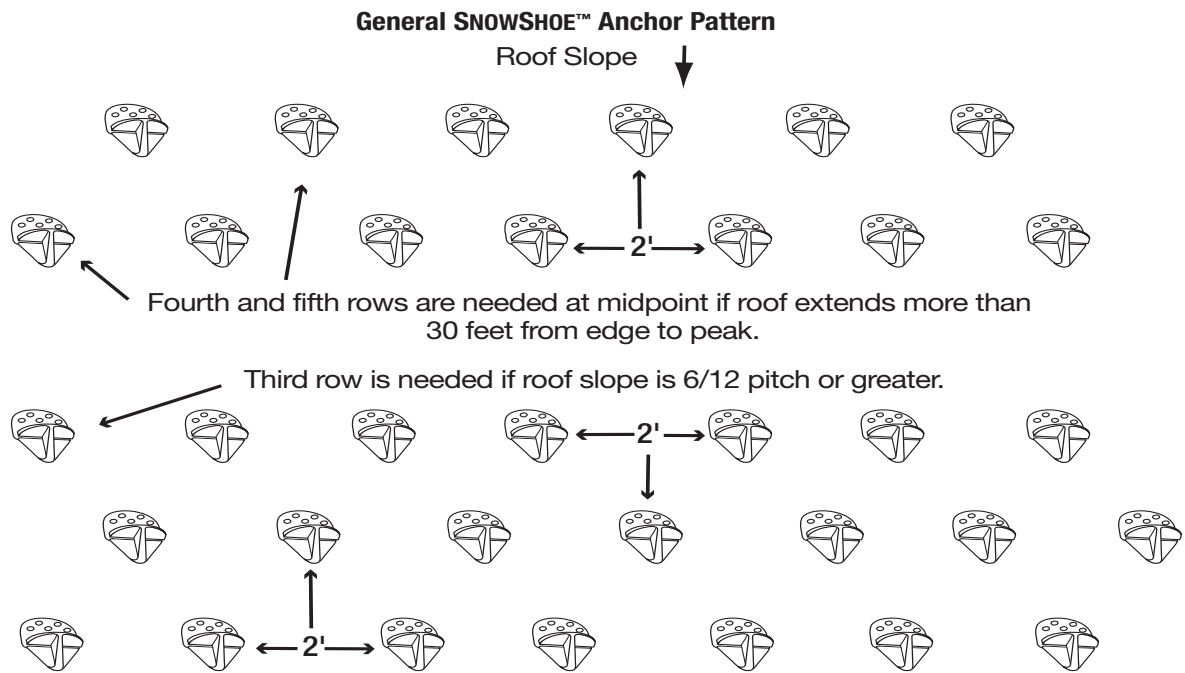


# FOR PROFESSIONAL USE ONLY

## SNOWSHOE™ KITS REQUIRED

ROOF PITCH	ROWS REQUIRED	COVERAGE PER KIT (24 SHOES)
5/12 or Less	2	24 Lineal Feet
6/12 or Greater	3	15 Lineal Feet
30' distance or greater between the ridge and eave edge regardless of pitch	5	8 Lineal Feet

**NOTE:** Above are guidelines only. End user is responsible for proper layout.



### Additional Rows of SNOWSHOES

Regardless of the slope of the roof, if the distance from the edge to the peak is thirty feet or greater, two more staggered rows of **SNOWSHOES** shall be installed at the midpoint of the roof. The **SNOWSHOES** shall be staggered two feet apart horizontally and two feet vertically as described above.

### Doorways

It is recommended that at least two additional rows of **SNOWSHOES** be placed above the top row of **SNOWSHOES** (near the bottom of the roof), over all doorways, extending past the doorway width a minimum of two feet on both sides.

### Disclaimer

\***CHEM LINK** is not responsible for determining the structural integrity or live load capacity of any roof on which **SNOWSHOES** are installed. That service shall be conducted by an architect or consultant.

Our snow guards are designed to help keep snow and ice from avalanching off the roof all at once causing damage to structures, landscaping, vehicles and people below. When more snow than expected accumulates on the roof, it should be removed to avoid damage to the roof, the building structure and anything below.



**NOTES:**



**Contractor Hot Line**

**800-826-1681**

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All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit [www.chemlink.com](http://www.chemlink.com) for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

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