



# Snow Retention Systems



Strong as Steel. Light as Air. Color that Lasts.™



Arctic Anchor engineers snow retention systems that deliver unparalleled safety and reliability. Proudly engineered in North America, our snow retention solutions are designed to protect homes, businesses, and communities from the hazards of falling snow and ice. Our products undergo comprehensive testing ensuring strength, durability, and performance in the most demanding conditions. Compatible with a wide range of roof types, Arctic Anchor systems are ideal for both new construction and retrofit projects. With a focus on reliability and innovation, Arctic Anchor safeguards your property from harsh winters. Our values drive everything we do:

01

## SAFETY

Protecting people and property by preventing the hazards of falling snow and ice

02

## RELIABILITY

Delivering proven performance in the harshest weather conditions

03

## SUSTAINABILITY

Using long-lasting materials to minimize waste and support responsible building practices

04

## INNOVATION

Designing smarter solutions to exceed expectations and adapt to evolving needs

At Arctic Anchor, we don't just create snow retention solutions— we build safety, trust, and reliability into every roof we protect.



# What Sets Arctic Anchor Apart?

Arctic Anchor snow retention systems are engineered to deliver unparalleled safety, protecting properties from the hazards of falling snow and ice.

## KEY BENEFITS

---

### › **COST-EFFECTIVE**

Delivers premium performance without the premium price

### › **EXTREME PERFORMANCE**

Built to withstand temperatures from -40°F to 200°F

### › **TITANCORE™ TECHNOLOGY**

Superior strength, UV resistance, and lasting performance

### › **ULTRA LIGHTWEIGHT**

7x lighter than their traditional steel counterparts

### › **UV PROTECTION**

Resists yellowing and wear for long-term reliability and aesthetics

### › **HIGH TENSILE STRENGTH**

Tested to exceed standard requirements of force for superior durability

### › **BROAD COMPATIBILITY**

Fits metal, shingle, asphalt, and tile roofing systems

### › **SIMPLE INSTALLATION**

Options for adhesive, screw, or hybrid installation methods

### › **RIGOROUSLY TESTED**

Complies with ASTM and ISO testing standards for strength, UV resistance, and environmental durability

### › **TRUSTED BY PROS**

The ideal snow retention solution for contractors, roofers, and distributors



## ARCTIC ANCHOR MINI

---

Engineered for tight spaces and nearly all roof types, this compact snow guard offers discreet snow retention with a low-profile design that suits both modern and traditional aesthetics.



## ARCTIC ANCHOR PRO

---

Built for heavy snow loads and large-scale projects, this heavy-duty solution combines maximum durability with clean lines for seamless integration on metal and tile roofs.



## ARCTIC ANCHOR RAIL

---

Providing continuous snow retention for steep roofs, this streamlined rail system ensures comprehensive safety while enhancing the look of contemporary architectural designs.



## ARCTIC ANCHOR TILE

---

Designed for all variations of tile roofs, this tailored solution protects against snow hazards while preserving the classic charm of tile roofing with a perfect custom fit.

# Arctic Anchor Roof Compatibility

Explore the comprehensive compatibility of Arctic Anchor's Pro Series, Mini Series, Tile Series, and Rail Systems across various roofing styles. Whether you're installing on metal panels, tiles, or shingles, this guide ensures a perfect fit for your snow retention system.

| INSTALLATION METHOD                                                          | STANDING SEAM |             |           |            |           | EXPOSED FASTNER |           |         |            |            |           |           |           |             |             |             |               |         | TILE/SHINGLE |               |              |               |                 |                    |             |                    |                 |               |   |
|------------------------------------------------------------------------------|---------------|-------------|-----------|------------|-----------|-----------------|-----------|---------|------------|------------|-----------|-----------|-----------|-------------|-------------|-------------|---------------|---------|--------------|---------------|--------------|---------------|-----------------|--------------------|-------------|--------------------|-----------------|---------------|---|
|                                                                              | SINGLE LOCK   | DOUBLE LOCK | SNAP LOCK | SNAP SHORT | BULB SEAM | MAX-RIB         | MULTI-RIB | R-PANEL | MODERN RIB | MESA PANEL | 7.2 PANEL | PBD PANEL | PBU PANEL | PERMA-CLAD® | RAIN GUARD® | STORMPROOF® | WEATHERSTATE® | U-PANEL | FLAT TILE    | METAL SHINGLE | CLAY SHINGLE | NATURAL SLATE | SYNTHETIC SLATE | STONE-COATED METAL | CURVED CLAY | METAL BARREL-STYLE | ASPHALT SHINGLE | CEDAR SHINGLE |   |
| ● ADHESIVE<br>● MECHANICAL<br>● CLAMP<br>● SLIDE LOCK<br>○ FITTINGS MAY VARY |               |             |           |            |           |                 |           |         |            |            |           |           |           |             |             |             |               |         |              |               |              |               |                 |                    |             |                    |                 |               |   |
| PRO SERIES                                                                   | ●             | ●           | ●         | ●          | ●         |                 |           | ○       |            |            |           |           | ●         |             |             |             |               | ●       | ●            | ●             | ●            | ●             | ●               |                    |             |                    |                 | ●             | ● |
| MINI SERIES                                                                  | ●             | ●           | ●         | ●          | ●         | ●               | ●         | ●       | ●          | ●          | ●         | ●         | ●         | ●           | ○           | ●           | ●             | ●       | ●            | ●             | ●            | ●             | ●               |                    |             |                    |                 | ●             | ● |
| RAIL SERIES (MECHANICAL)                                                     | ●             | ●           | ●         | ●          | ●         |                 |           |         |            |            |           |           |           |             |             |             |               |         | ●            | ●             | ●            | ●             | ●               |                    |             |                    |                 | ●             | ● |
| RAIL SERIES (CLAMP)                                                          | ●             | ●           | ●         | ●          | ●         |                 |           |         |            |            |           |           |           |             |             |             |               |         |              |               |              |               |                 |                    |             |                    |                 |               |   |
| TILE SERIES (SNOW GUARD)                                                     |               |             |           |            |           |                 |           |         |            |            |           |           |           |             |             |             |               |         | ●            | ●             | ●            | ●             | ●               | ●                  | ●           | ●                  | ●               | ●             | ● |
| TILE SERIES (RAIL)                                                           |               |             |           |            |           |                 |           |         |            |            |           |           |           |             |             |             |               |         | ●            | ●             | ●            | ●             | ●               | ●                  | ●           | ●                  | ●               | ●             | ● |

Ask our team about creating custom products and designs specific to your organization's needs. No roof type is beyond our capabilities!



# Uncompromising Quality Through Testing

Arctic Anchor's rigorous testing protocols align with industry-leading standards, ensuring our snow guards deliver exceptional durability, reliability, and performance in the most demanding conditions.



## UV RESISTANCE TESTING

---

Our Arctic Anchor products undergo rigorous UV resistance testing using a 225 Xenon Lamp Weathering Test Machine. This advanced equipment simulates long-term exposure to full-spectrum sunlight, ensuring that our materials maintain durability and performance even in extreme conditions.

- ▶ **EQUIPMENT USED** 225 Xenon Lamp Weathering Test Machine
- ▶ **STANDARDS FOLLOWED** ASTM G155, ISO 4892-2



## TENSILE STRENGTH TESTING

---

To assess load-bearing capacity under varying temperatures, we test our products at room temperature (72°F) and under extreme cold (-40°F). By utilizing the Lixian HZ-1003B Universal Laboratory Equipment with custom-designed tooling, we accurately evaluate the structural integrity and performance of each functional component.

- ▶ **EQUIPMENT USED** Lixian HZ-1003B Universal Laboratory Equipment (with custom tooling)
- ▶ **STANDARDS FOLLOWED** ASTM E8, ASTM D638, ASTM E4



## ENVIRONMENTAL CONDITIONING TESTING

---

Prior to tensile testing, we simulate real-world weather exposure by conditioning products in the HT-HW-80L Temperature and Humidity Test Chamber. This prepares them for mechanical testing under fluctuating climate conditions.

- ▶ **EQUIPMENT USED** HT-HW-80L Constant Temperature and Humidity Test Chamber
- ▶ **STANDARDS FOLLOWED** ASTM D618, ASTM D4332, and MIL-STD-810H

# TitanCore™

Arctic Anchor snow guards are crafted using TitanCore™, a premium polymer blend renowned for its strength, durability, and performance in extreme weather conditions.



200% Stronger  
than Polycarbonate



7x Lighter  
than Steel



-40° Rated for  
Subzero Performance

## KEY FEATURES OF TITANCORE™

- ▶ Ultra Lightweight Strength
- ▶ Unmatched Durability
- ▶ UV Resistance
- ▶ Non-Corrosive Properties
- ▶ Color Matching Capabilities



**ArcticAnchor™**

## GET IN TOUCH

For distribution and partnership opportunities please reach out directly to our team at [info@arcticanchors.com](mailto:info@arcticanchors.com)

- ▶ **EMAIL** [info@arcticanchors.com](mailto:info@arcticanchors.com)
- ▶ **PHONE** (778-893-4454)
- ▶ **WEBSITE** [www.arcticanchors.com](http://www.arcticanchors.com)
- ▶ **ADDRESS** 800 N Rainbow Blvd,  
Las Vegas NV 89107

