

WINTER ROOF CHALLENGES: WHY DURO-LAST PERFORMS IN COLD CLIMATES



HOT TOPIC
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Winter can be one of the harshest tests for any roofing system. Freezing temperatures, snow loads, ice, and constant freeze-thaw cycles expose weaknesses quickly. For building owners in cold-weather regions, choosing the right roofing system is critical, and that's where Duro-Last stands out.

Below, we break down common winter roofing challenges and explain why Duro-Last roofing systems are built to handle them.

THE CHALLENGE: FREEZE-THAW CYCLES

Repeated freezing and thawing can cause roofing materials to expand and contract, leading to cracks, splits, and seam failures over time.

Why Duro-Last Performs:

Duro-Last PVC membranes are engineered for flexibility, allowing them to accommodate temperature fluctuations without becoming brittle or breaking. This flexibility helps the system maintain its integrity even through extreme temperature swings.

THE CHALLENGE: SNOW LOAD AND WEIGHT

Heavy snowfall adds significant weight to a roof, which can stress both the structure and the roofing system.

Why Duro-Last Performs:

Duro-Last membranes are lightweight compared to many traditional roofing systems, reducing overall load while still delivering exceptional strength and durability.

THE CHALLENGE: ICE DAMS AND PONDING WATER

Ice dams can trap water on the roof surface, increasing the risk of leaks as water backs up under seams and flashing details.

Why Duro-Last Performs:

Because Duro-Last systems are custom-fabricated with fewer seams, there are fewer vulnerable points where water can infiltrate. The heat-welded seams also create a watertight bond that holds up against standing water and ice.

THE CHALLENGE: WINTER INSTALLATION LIMITATIONS

Many roofing systems are difficult or risky to install during colder months.

Why Duro-Last Performs:

Duro-Last can be installed in a wider range of temperatures than some traditional systems, helping minimize downtime and allowing critical projects to move forward even during winter.

FINAL THOUGHTS

Cold climates demand more from roofing systems.

From freeze-thaw durability to watertight seams and long-term flexibility, Duro-Last is designed to perform when conditions are at their toughest.

If you manage or own a building in a region with harsh winters, investing in a Duro-Last roofing system means investing in year-round protection and long-term reliability.



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