

Building through winter: How to tackle seasonal construction challenges with Dörken

Dear Reader,

Falling temperatures, shorter days, snow, sleet, rain—these aren't just minor inconveniences; they're the tough realities many building professionals contend with as winter sets in. This time of year doesn't just make working conditions harder—it affects everything from material performance to worker safety to overall timelines.

If not properly managed, winter conditions can compromise a building project in several ways. For example, the freeze-thaw cycle can damage materials and lead to cracks forming in foundations and walls. If left unchecked, these cracks may expand and result in moisture-related issues such as mold, mildew, or rot, and possibly compromise the building's integrity. Even in warmer regions, such as the Southeastern United States, winter still brings its own unique set of challenges. The increased humidity after a seasonal rainfall can lead to condensation on surfaces when temperatures cool down—especially inside buildings with insufficient ventilation or inadequate moisture management.

The good news? The right materials and strategies can help builders stay ahead of these challenges. Dörken's high-performance air and moisture barrier systems are designed to combat winter's toughest conditions. From air barriers that prevent condensation to drainage systems that keep foundations dry through snowmelt, Dörken's DELTA product solutions offer superior protection to keep your projects on track all season long, and then some.

Looking for guidance or support on an upcoming build? [Reach out any time](#). We can't wait to hear about your next venture.



Peter Barrett
Product & Marketing Manager
Dörken Systems Inc.



How-to: Cold-weather application of DELTA-VENT SA, DELTA-STRATUS SA, and DELTA-FASSADE SA

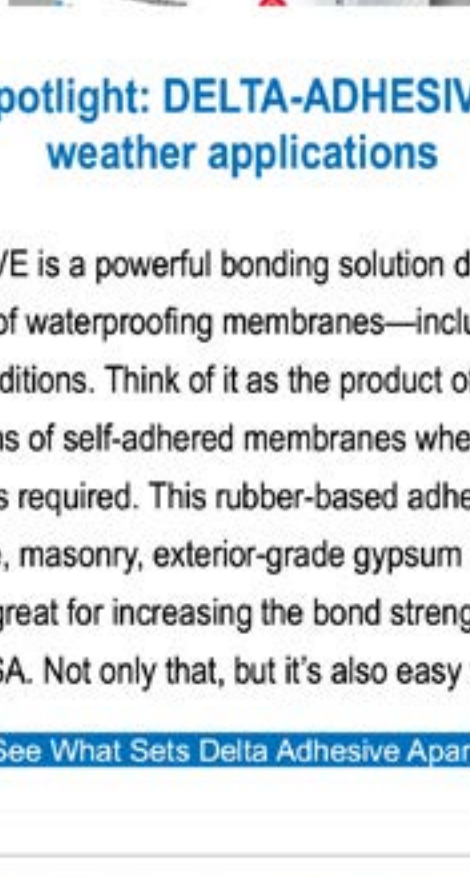
The adhesive on DELTA self-adhering membranes is pressure sensitive.

What does this mean during winter? Well, as temperatures drop, all adhesives change in performance characteristics. But don't worry—

DELTA self-adhering membranes will continue to provide the high performance expected, regardless of the temperature at which they were applied, as long as you keep a few best practices in mind. If you can wait until the perfect temperature window, installation at +40°F (+5°C) and above will yield optimum adhesion. For installations below +40°F (+5°C), we're pleased to share a series of application procedures we recommend when it comes to obtaining effective adhesion. Click below to access this handy PDF, and get the best out of DELTA-VENT SA, DELTA-STRATUS SA, and DELTA-FASSADE SA this winter.



[Download the Technical Memorandum](#)



Product spotlight: DELTA-ADHESIVE for cold- weather applications

DELTA-ADHESIVE is a powerful bonding solution designed to ensure optimal adhesion of waterproofing membranes—including in challenging cold-weather conditions. Think of it as the product of choice for above-grade applications of self-adhered membranes where a quick-setting, aggressive tack is required. This rubber-based adhesive is suitable for use on concrete, masonry, exterior-grade gypsum board, and metal surfaces, and it's great for increasing the bond strength of products such as DELTA-VENT SA. Not only that, but it's also easy to apply. Sound like

[See What Sets Delta Adhesive Apart](#)



Project spotlight: The Lismore Hotel Eau Claire

Picturesque Eau Claire, Wisconsin can be warm in the summer and bitterly cold in the winter. That's why the team behind the redesign of the Lismore Hotel Eau Claire paid extra attention to controlling the air and moisture in the building envelope. Selecting the perfect barrier for the job was a key decision during the renovation process—not only when it came to reducing operating costs, but also in terms of ensuring guest comfort. DELTA-VENT SA was ultimately deemed a better fit than a fluid-applied barrier, and the renovation moved ahead with the vapor permeable, self-adhering air- and water-resistive barrier. With the risks associated with poor wall performance all but eliminated, the hotel now offers visitors a comfortable experience year-round in the heart of the community, regardless of the conditions outside.



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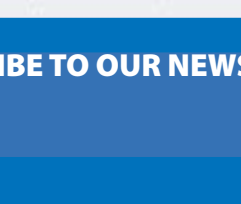
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