

Dallas Fort Worth International Airport

Dallas / Fort Worth, TX

Elemax™ Air & Water-Resistive Barrier Coatings Enable Modular Terminal Construction



Terminal Expansion for a Busy Airport

Dallas Fort Worth International Airport (DFW) is one of the world's busiest airports for both aircraft operations and passenger traffic. Spanning 17,207 acres (26.89 sq mi; 69.63 km²), it is the second-largest airport by land area in the United States. DFW also holds the distinction of being the world's largest carbon-neutral airport—and the first in North America to achieve this milestone.

To support continued growth and enhance the passenger experience, DFW has launched a major expansion plan, which includes the construction of a new terminal as well as additions to existing terminals.

The new terminals are being built using modular construction methods to reduce operational disruption and accelerate progress. Located approximately 2.5 miles from the main airport, terminal sections are assembled in pods and transported during non-peak hours for installation.



Licensed
Partner

Efficient Application

Elemax™ AWB Coating and UltraSpan™ Pre-Cured Weatherstrip were selected for use in DFW's new terminals, providing flexible application solutions suited to a complex project involving multiple construction trades.

Unlike many air and water barrier (AWB) coatings that require precise timing to avoid UV or weather damage, Elemax AWB Coating can be applied and left exposed without degradation. Its primerless, one-coat system offers strong adhesion, is rain-ready in as little as 30 minutes, and can be applied in temperatures as low as 0°F (-18°C)—ideal for maximizing efficiency on a fast-paced construction schedule.

In addition, UltraSpan Pre-Cured Weatherstrip delivers a durable, watertight seal and adheres to a wide range of substrates, offering seamless compatibility with the Elemax AWB system.

KEMCO, the project applicator, highlighted the benefits of product versatility, consistent coating performance, and the flexibility to coordinate with other trades throughout the project.



Elemax AWB Coating

Elemax AWB Coatings offer maximum protection from the elements. The 100% silicone formula is durable, breathable, and permanently flexible through fluctuating conditions. The system creates a permeable membrane that helps prevent water-related issues like mold, mildew, rot and corrosion, and can reduce a building's energy consumption by up to 35%. It expands and contracts with the building for a long, resilient life—and won't crack, wash off, or come apart at the seams, as may occur with the alternatives.

NOTE: Performance results are those of reported accounts, and are not to be relied upon as typical or expected under any other circumstances. Performance results will vary depending upon a number of factors. Prospective customers should rely solely upon their own evaluative techniques to determine what results are attainable and optimal to their specific needs. Further note that MPM is not endorsed by or affiliated with the owner(s) of DFW Airport.



Contact us for additional information.

siliconesforbuilding.com

THE MATERIALS, PRODUCTS, AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGEMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS, OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS, OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right. Before purchasing or using any Momentive products, please visit www.siliconesforbuilding.com/LegalDisclaimer to view our full product and sales disclaimer. Copyright 2025 Momentive Performance Materials Inc. All rights reserved.



Licensed
Partner