

Tensioned Fabric Structures

TENSILE FACADE SYSTEMS

Design-Build Solutions for Tensioned Fabric Structures



TENSION
Structures

Division of Eide Industries, Inc.





Helms Bakery | Los Angeles, CA

Tensile Facade Systems by Eide Industries, Inc. allow for you to customize the exterior of a building structure with the use of flexible fabric membranes that can span long distances while reducing the need of structural steel support frames making it an ideal cladding solution. Acting like a second skin, tensile membrane helps transform the outside of any building envelope economically and efficiently all while performing as a screening device and minimizing solar heat gain.

To create a durable, secure facade, a structural framing system (often made from aluminum) is designed with brackets that stretch and hold the tensioned fabric, which is often made from mesh or solid PVC membrane or PTFE-coated fiberglass membrane. Depending on the design of the facade system, the tensile membrane framing can either attach directly to the face of the building or require a steel standoff system to connect to.



BEFORE Construction of structural framing attachments are installed.



AFTER Finished exterior Facade System featuring colored lighting.

BENEFITS OF TENSILE FACADE SYSTEMS

- Ability to span long distances
- Flexible design aesthetics
- Reduces solar heat gain
- Longstanding durability & sustainable
- Lightweight in nature
- Minimal maintenance
- Cost efficient
- Fabric selection with digital printing available
- Non-combustible fabric options also obtainable



Atlas Building | Carlsbad, CA

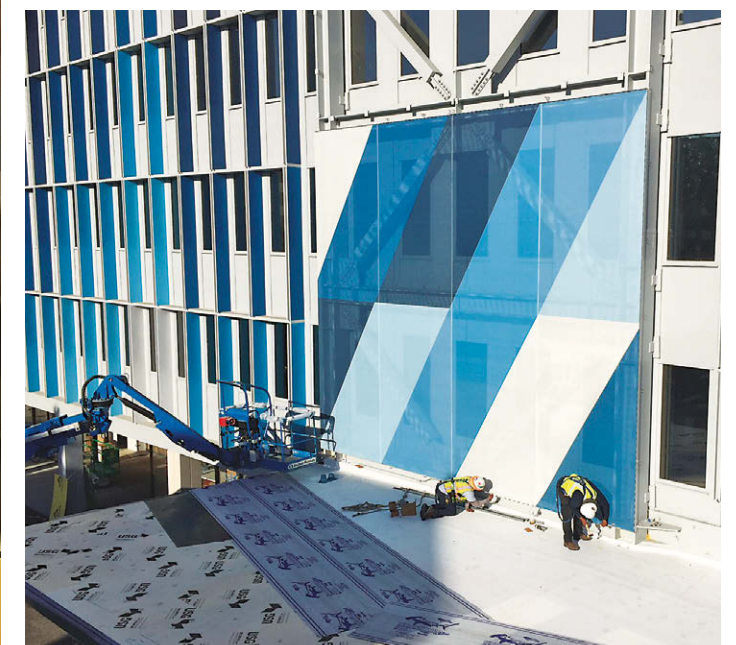
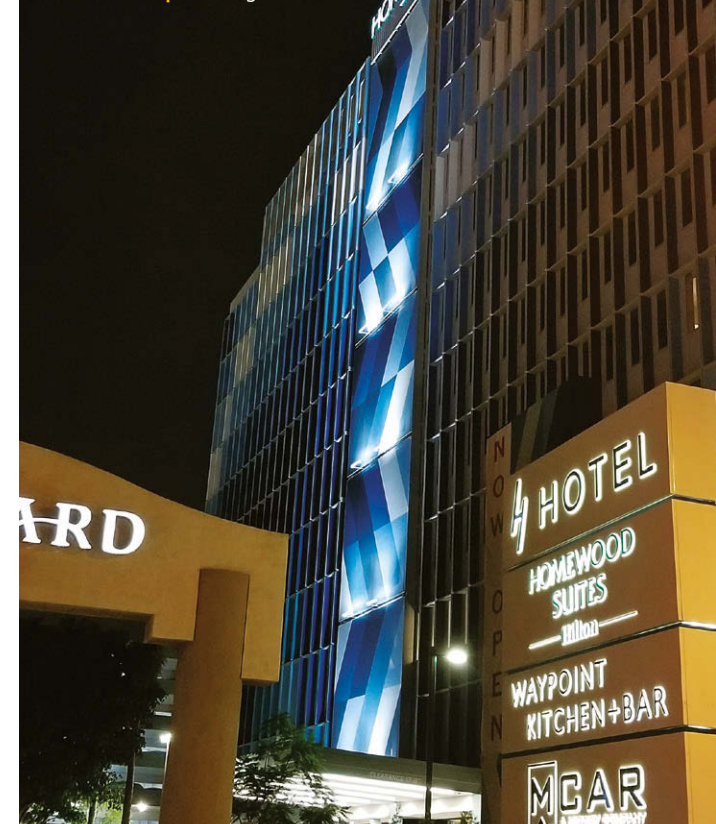
Portraits of Hope, Syncopation | Culver City, CA



101 Sepulveda | Los Angeles, CA



The H Hotel | Los Angeles, CA



About Us

Proudly manufacturing in the United States since 1938, Tension Structures by Eide are fabricated in our 41,000 square foot Southern California facility. Eide Industries combines proven industry standards, technical expertise, professional turn-key services, state-of-the-art equipment, and high performance materials to manufacture customized products with uncompromising quality and engineered design-build details.

We specialize in design, manufacturing and installation of structurally complex and creatively challenging commercial, government and prototype design projects regardless of job size, scope of work or administrative demands. Eide welcomes all projects that include participation and compliance with FAR, DIR, OATELS / Apprenticeship Program, Prevailing Wage, Union Labor Agreement and any additional Project Specific requirements.



Newport Beach Civic Center | Newport Beach, CA



7007 Romaine | Los Angeles, CA

Front Cover

Top - Atlas Building | Carlsbad, CA

Bottom - The H Hotel | Los Angeles, CA



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