



FEATURES AND BENEFITS

I LIGHTWEIGHT HANGAR DOOR SYSTEMS

Hangar door cladding must be light weight, flexible, and impact resistant to allow for years of service free operation. Structural Cellular Polycarbonate is an ideal material – it is extremely lightweight and durable, unlike glass. We work with the leading door manufacturers and detail our systems for most door types, including sliding, vertical lift, bi-folding, and tailgate hangar door systems. EXTECH's systems can incorporate full polycarbonate glazing or a mixture of polycarbonate, vision panels, and metal panel skirting.

I COST-SAVINGS AND SUSTAINABILITY

Translucent daylighting systems enable hangar owners and lessees to save money on energy costs by incorporating natural light illumination into their hangar design. Additionally, they provide superior insulating value (as compared to insulated glass units) thus reducing demands on the hangar HVAC system.

Our systems' daylighting capabilities and 100% recyclability lend themselves to LEED certification and sustainable hangar design, which are key components in reducing the environmental footprint of aviation buildings.

I AIRCRAFT PROTECTION

Hangar daylighting systems shield aircraft from wind, precipitation, and UV radiation. Our systems routinely endure jet wash and maintenance activities.

EXTECH's translucent wall and skylight systems can be designed to withstand hurricane-force winds by incorporating polycarbonate glazing that is up to 200 times stronger than standard glass.

Additionally, our systems incorporate a co-extruded UV protection layer.

I SAFETY AND PERFORMANCE

EXTECH's translucent wall systems meet or exceed all building code requirements including Class A flame and smoke ratings per ASTM (the best there is).

RETROFITS & CUSTOM DESIGNS

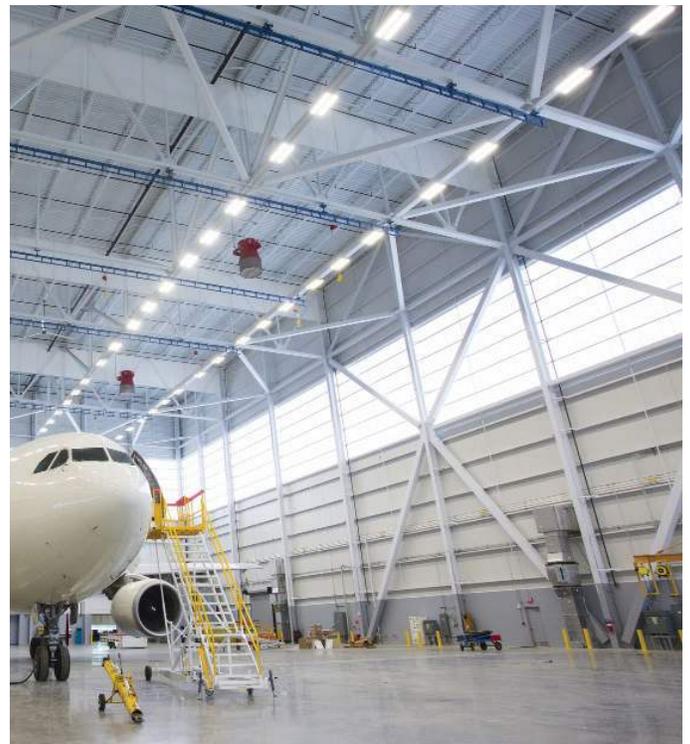
EXTECH is experienced in retrofit projects that require the emulation of a historical system or a redesign that can accommodate newer and larger aircraft. We have created custom systems that mirror the look of steel sash and corrugated wire glass facades and thus maintain the historical aesthetic of the hangar with improved air, water and thermal performance.

EXTECH's translucent wall systems are built with our 40+ years of experience and have been designed to deliver outstanding performance, impact-resistant durability, and a long lifespan. Each system is factory fabricated to facilitate easy, seamless installation. For retrofit applications, factory fabrication improves quality and reduces installation times, resulting in reduced downtime.



WHY POLYCARBONATE?

- Vertical panels up to 54' eliminate leak-prone horizontal joints
- Highly insulating panels, up to U-0.19 (R-5.26)
- Tongue and Groove joinery provides clean appearance without the need for vertical framing
- The most advanced aluminum perimeter framing systems in the industry in a variety of finishes
- LEED credits available for 100% recyclable polycarbonate and aluminum framing
- Low-friction gaskets for long life
- Complete air/water/structural testing
- Available in a variety of colors and translucencies
- ATSM E-84 Class A, CC-1 fire rated material
- Provides updated aesthetic over traditional fiberglass reinforced grid panel systems
- CAD details, specifications and budget pricing specific to your project
- Detailing specific to each hangar door operation type and door seals



PROJECTS

I Dupage Airport Authority, Chicago, IL – LIGHTWALL® 3440 / SKYGARD® 3300



I HAECO America, Greensboro, NC – LIGHTWALL® 3440



PROJECTS

I General Electric Hangar, Newburgh, NY – LIGHTWALL® 3000



I Volo Aviation, Sikorsky Airport, Stratford CT – LIGHTWALL® 3440



PROJECTS

Logan International Airport Hangar, American Airlines, Boston, MA – LIGHTWALL® 3440



Logan International Airport Hangar, Jet Blue, Boston, MA – LIGHTWALL® 3440



PROJECTS

I CXY Hangar, Harrisburg, PA – Polycarbonate Retrofit



I Signature Hangar, San Jose Intl. Airport, San Jose, CA — LIGHTWALL 3440®



I American Aero Hangar, Fort Worth, TX – Retrofit



PROJECTS

I Groome Door, Westchester County Airport, Westchester PA – LIGHTWALL® 3440



I JPMC Hangar, Chester Airport



I Sheltair Aviation, Broomfield, CO – LIGHTWALL® 3440

