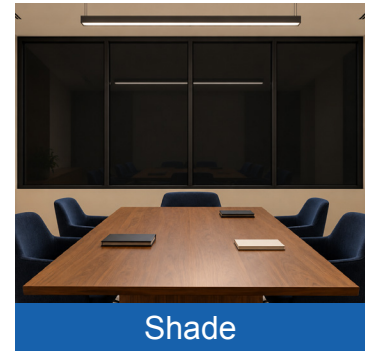
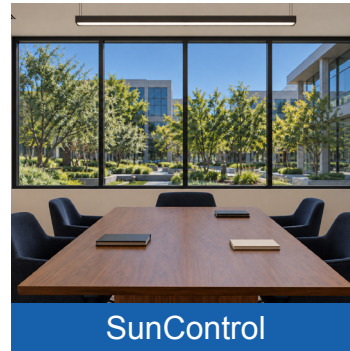
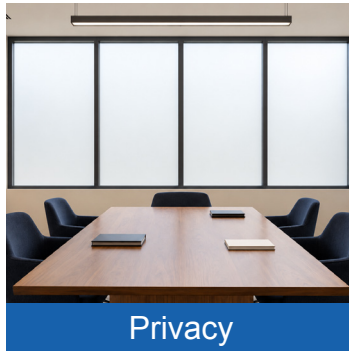
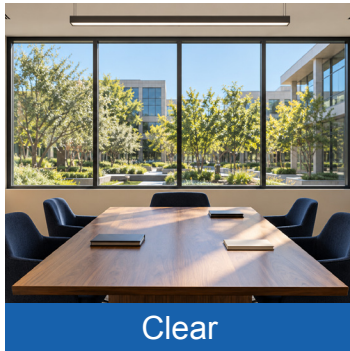


A dual-active dynamic glazing system combining solar-control tint and instant privacy, available as laminated glass for interior applications and insulating glass units for exterior applications.



Four Operating States

Clear - Daylight and outdoor views.

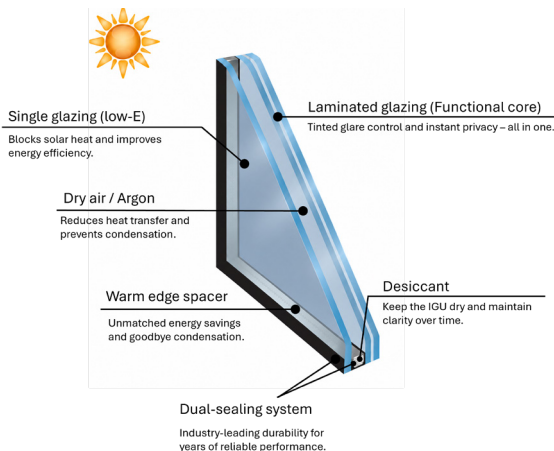
Privacy - Visual privacy with diffuse light.

SunControl - Solar shading tint with an outdoor view.

Shade - Blackout for maximum light reduction.

Performance Highlights

Characteristic	Specification
Clear-state haze	Approximately 4%
Shade-state visible light transmission	0%
Shade-state SHGC	Below 0.15



Exterior IGU Construction

Assembly	Dynamic IGU with Low-E glass
Dynamic layers	Solar-control and privacy films
Interlayer	0.76 mm EVA
Spacer	Technoform warm-edge spacer
Cavity	1/2 in. (12.7 mm)
Gas fill	Controlled dry air standard; 90%+ argon optional

Applications

- Facades and curtain walls
- Windows and doors
- Architectural roof glazing
- Conference rooms and offices
- Healthcare and education
- Hospitality and residential
- Glare-sensitive environments
- Adaptive daylight spaces

Configurations and Dimensions

Available constructions	Interior laminated glass; exterior IGU
Glass options	Clear, low-iron, or body-tinted
Glass treatment	Annealed, heat-strengthened, or tempered
Glass thickness options	5/32 in., 3/16 in. (standard), or 1/4 in.
Overall IGU thickness	Nominal 1.20" (30.6 mm); configuration-dependent range of 29.8 mm–35.4 mm
Maximum width	1.5 m (approximately 5 ft.)
Custom fabrication	Shapes, holes, and notches; project review required
Framing compatibility	Project review required

Electrical and Switching

Film operating voltage	60 V AC
System input supply	120 V AC to control unit
Power consumption	Approximately 5.7 W/m ²
Switching time	Approximately 10 ms–15 s, depending on mode
Power-loss state	Shade (Blackout)
Control-unit capacity	Up to 32 sq. ft. of connected glass per current unit

Control Options

- Four-mode wall control
- Connected panes on one controller switch together.
- Compatible automation through isolated dry-contact relay inputs, subject to project-specific configuration.

Installation Coordination

- Coordinate controller locations, power supply, and concealed wiring before glazing installation.
- Each pane requires four conductors: two for tint and two for privacy.
- Follow approved project wiring and installation instructions.

Warranty & Service Life

Warranty coverage is subject to written terms.

- **Glass Warranty**
10 years

- **Electronics Warranty**
5 years

- **Expected Service Life**
20 years