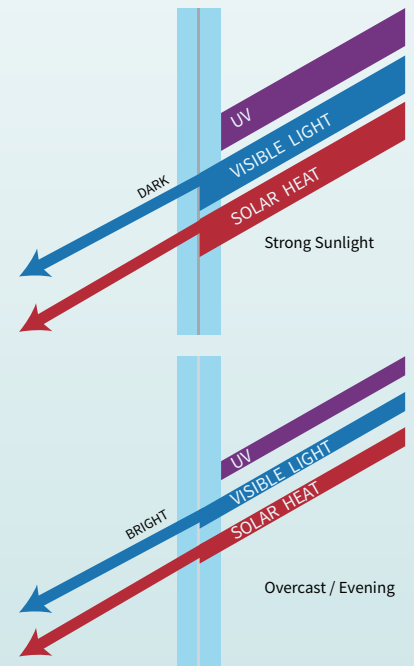


Product Overview

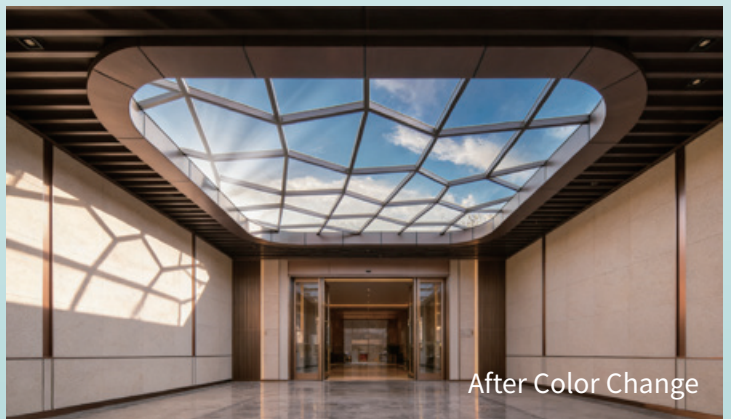
Glaspedia's **Photochromic Dynamic Glass** is a next-generation architectural solution that automatically adapts to changing sunlight conditions. By integrating advanced photochromic technology into high-performance glazing, it delivers comfort, energy efficiency, and aesthetic appeal without the need for external shading systems.

Key Features

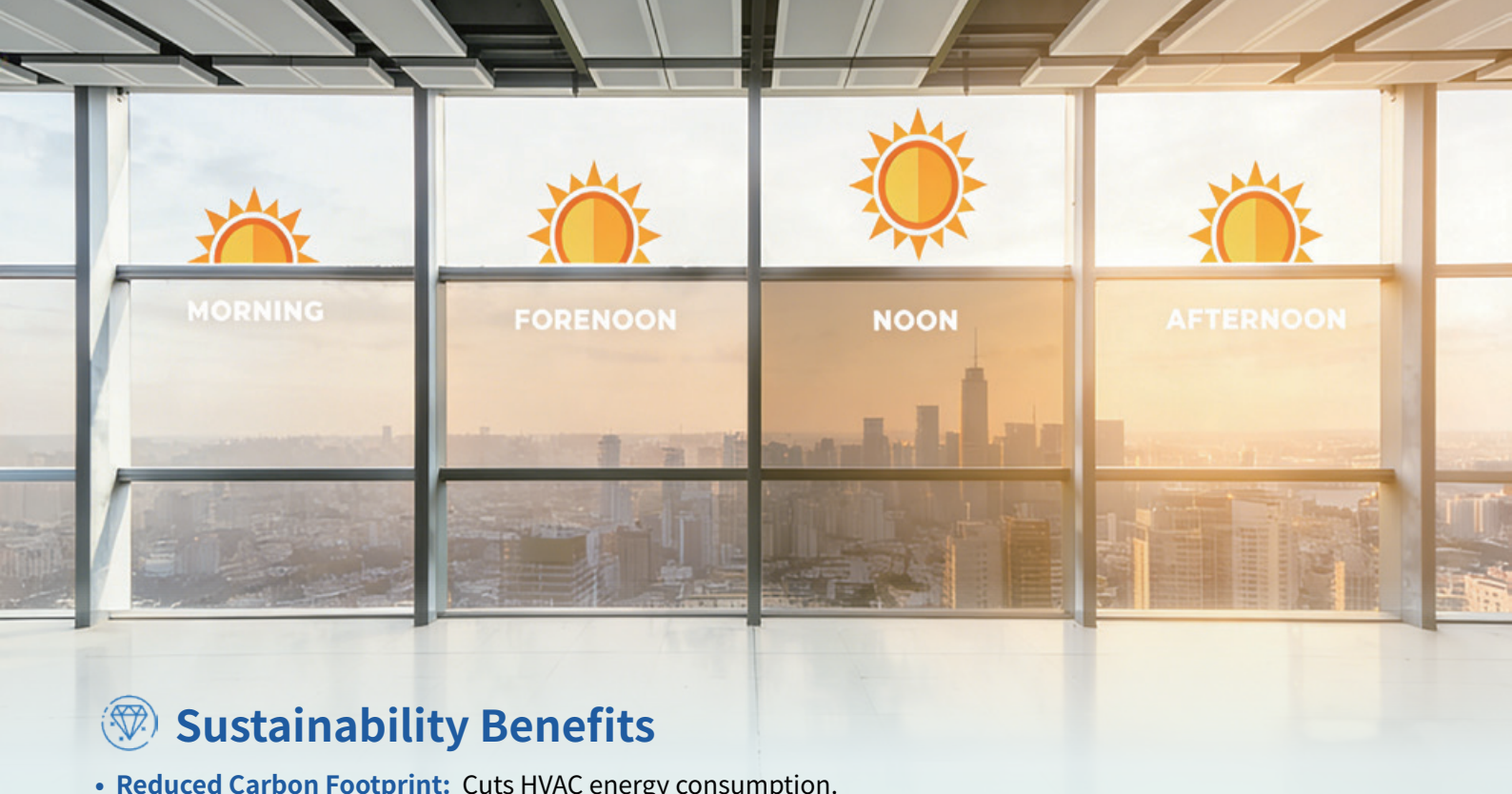
- **Adaptive Light Control:**
Darkens under sunlight, clears in the evening/low-light conditions.
- **Energy Efficiency:**
Reduces cooling loads by minimizing solar heat gain.
- **UV Protection:**
Blocks harmful ultraviolet rays, safeguarding interiors and occupants.
- **Design Flexibility:**
Available in multiple tints, thicknesses, and configurations.
- **Durability:**
Engineered to meet international standards for safety and performance.
- **Low Maintenance:**
No mechanical parts or external power required.



Applications



- **Commercial Buildings:**
Offices, retail facades, and hospitality spaces.
- **Public Infrastructure:**
Airports, stadiums, and transport hubs.
- **Residential Projects:**
Smart homes, luxury apartments, and skylights.
- **Specialty Projects:**
Museums, galleries, and healthcare facilities.



Sustainability Benefits

- **Reduced Carbon Footprint:** Cuts HVAC energy consumption.
- **Enhanced Daylighting:** Promotes natural light while reducing glare.
- **Green Building Compliance:** Supports LEED, BREEAM, and WELL certification pathways.



Technical Specifications

Performance	Value / Range
Visible Light Transmission	20–80% (variable)
Solar Heat Gain Coefficient	0.32-0.80 (variable)
UV Blocking	>99%
Thickness Options	6+6 mm – 19+19 mm
Standards Compliance	ASTM, EN, ISO, AS/NZS

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