

A BRIGHTER PLACE

TO TEACH AND LEARN

THE MOST USED DYNAMIC GLASS TECHNOLOGY AROUND THE WORLD

BENEFITS OF SUNTUITIVE DYNAMIC GLASS

DAYLIGHTING & VIEWS

- Natural Daylighting
- View Preservation
- Glare Control

SOLAR CONTROL

- Occupant Comfort
- Energy Savings
- Downsize HVAC

DESIGN FREEDOM

- Maximize glass while being code compliant
- Reducing shading elements
- Easy Installation and operation

INCREASED VALUE

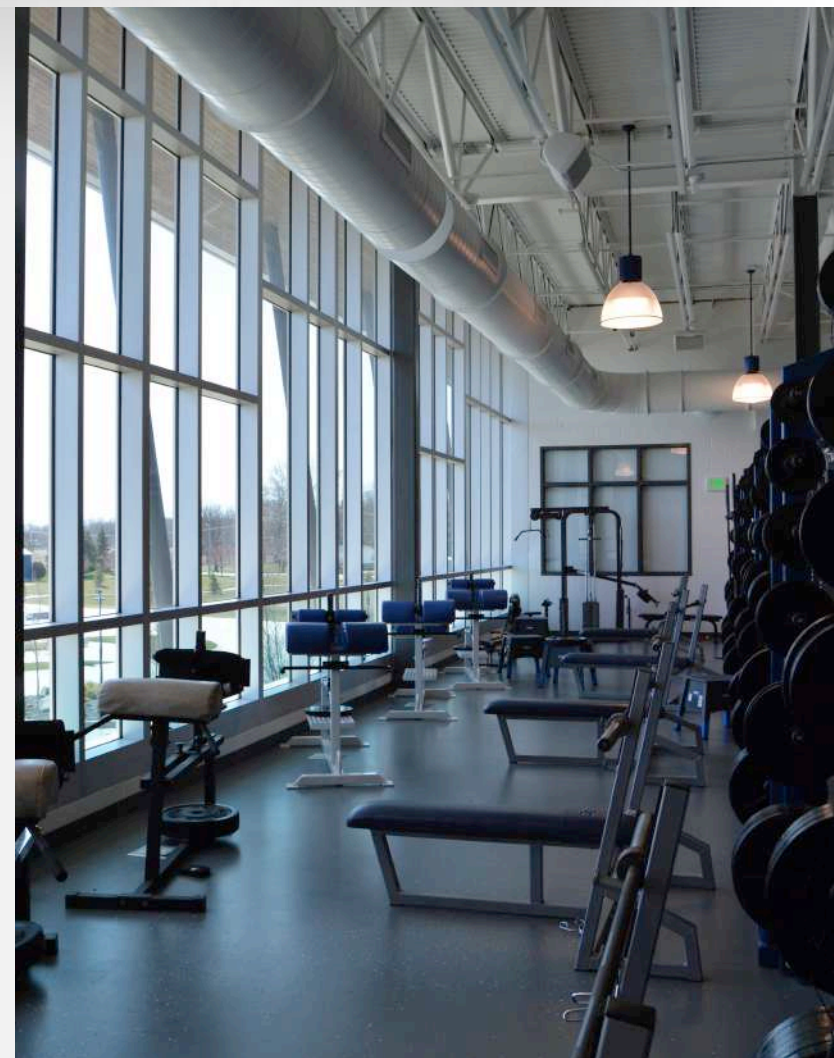
- Sustainable Design
- Increased Productivity
- Reduced Fading
- Noise Reduction & Safety

Bringing Natural Light for Students and Faculty

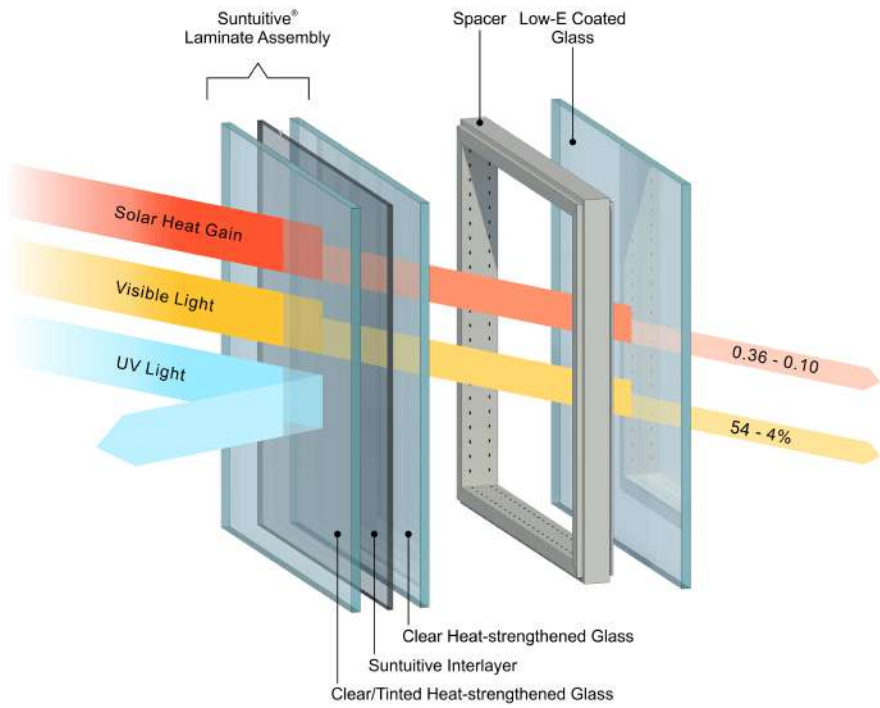
Suntuitive® Dynamic Glass installed in faculty buildings, classrooms and student housing delivers an environment that is more conducive to learning and teaching thanks to its optimal daylighting properties and thermal comfort performance. Independent studies in educational buildings continue to connect natural light with positive quantitative outcomes. Natural light elevates mood, increases concentration and can even help raise average grades by up to 25%. Furthermore many studies support that natural light increases the productivity, for all building occupants, including faculty members.

Tech Innovation

Given all we know about the impact of natural light to increase focus and productivity you may wonder how this has been the driver for innovation. The answer in short is dynamic glass. Windows with conventional glass need blinds or curtains to provide relief from glare and heat, but in doing so also block access to sunlight and views. **Suntuitive® Dynamic Glass** provides glare mitigation, heat gain relief and access to sunlight—restoring the connection with the outside and promoting more focus and mental well-being. Suntuitive's innovative yet simple and cost-effective approach broadens the appeal of dynamic glass for use in higher education.



Typical Vertical Construction



Exclusive Thermochromic Technology

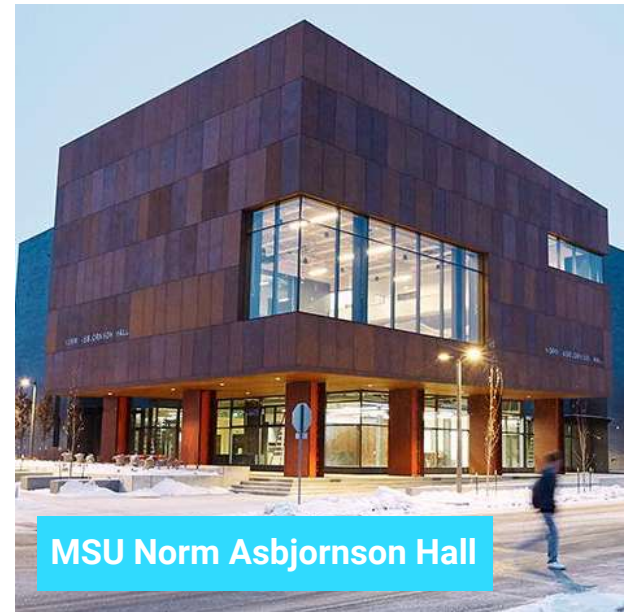
Our thermochromic elements, embedded in a PVB (polyvinyl butyl) interlayer laminated between two pieces of glass, activate by heat from direct sunlight, causing the window to tint as necessary. This laminate is incorporated into the final product, a dynamic insulated glass unit (IGU).



UNM McKinnon Center



Hope College Music Center



MSU Norm Asbjornson Hall

Just how big of a difference does your glass make? Let's compare.

This table compares Suntuitive Dynamic Glass with both conventional glass as well as Electrochromic Glass (dynamic glass that tints using wired technology).

SUNTUITIVE dynamic glass	<i>Varied options - Shape/Frit/Bird Friendly/forced Entry</i>	<i>Dynamic Tinting</i>	<i>Glare Control/ Reduction in blinds down</i>	<i>Heat gain reduction</i>	<i>Glass Appearance</i>	<i>Fading Protection</i>	<i>Sound Attenuation</i>	<i>HVAC Down-sizing & Energy Savings</i>	<i>User Control</i>	<i>Ease of Install, functioning & maintenance</i>
STANDARD LOW-E	✓		X	X	Neutral	X	X	X		✓
THERMOCHROMIC	✓	Yes - self tinting	3X	9X	Neutral (in clear & tinted state)	8X	2X	5-15%		✓
ELECTROCHROMIC	Limited options	Yes - Needs electronics and software	4X	9X	Blue (in tinted state)	7X	No change	5-15%	✓	Needs - holes in frame - install of wiring & sensors - Commissioning - occupant and facilities training - software updates - electronics troubleshooting

