



# VISIONWALL<sup>®</sup>

High Performance Window and Curtain Wall Systems



## Features & Benefits

- Major contributor to LEED designed buildings
- Reduces HVAC equipment costs
- Eliminates the need for perimeter heating
- Allows for larger glass areas
- Improves sound attenuation
- Decreases energy consumption
- Increases condensation resistance
- Increases occupant comfort and indoor environmental quality
- Blast resistant to level 2, GSA hazard classification
- Factory glazed and tested to ensure quality
- Covered by an industry leading warranty
- Extensively tested by independent laboratories

Brooks Borg Skiles Architecture and Engineering, architects for the EMC Insurance Company Tower featured above, was able to eliminate perimeter heating systems and use a smaller mechanical system to save approximately \$400,000.



Optimize the use of daylight



Eliminate perimeter heating



Allow the use of large window areas

## VISIONWALL® Window & Curtain Wall Systems

- Optimize the use of daylight
- Significantly reduce heating and cooling plant size
- Eliminate the need for perimeter heating
- Keep out unwanted noise
- Allow the use of large window areas without excessive energy consumption
- Eliminate UV degradation of interior objects
- Eliminate window condensation problems
- Reduce electric power and natural gas consumption
- Reduce outdoor noise
- Reduce heat loss and heat gain

## VISIONWALL® Reduces HVAC equipment costs

VISIONWALL's high insulation values and low shading coefficients allow for the elimination of perimeter heating systems as well as downsized cooling loads.

As a result, the savings in HVAC equipment costs can actually present a first cost capital savings compared to conventional window systems.

VISIONWALL® allows architects and building owners to create energy efficient buildings with large expanses of glass.

Buildings can use 100% VISIONWALL® windows and still comply with ASHRAE Standard 90.1

## VISIONWALL® Your Solution to:

**Affordable, energy efficient, comfortable buildings**

**Large, complex and costly heating and cooling plants**

- heating plant size reduced by 30-60%
- cooling plant size reduced by 10-20%
- perimeter heating eliminated

**Noisy space**

transmission of outdoor noise greatly reduced

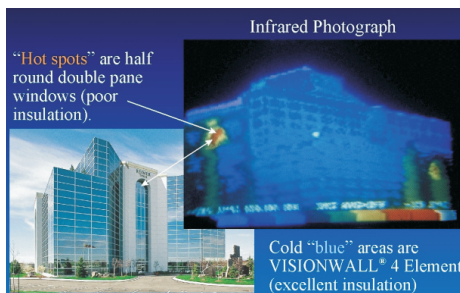
**Large and increasing energy costs**

- electric power consumption reduced by 5-15%
- natural gas consumption reduced by 30-50%

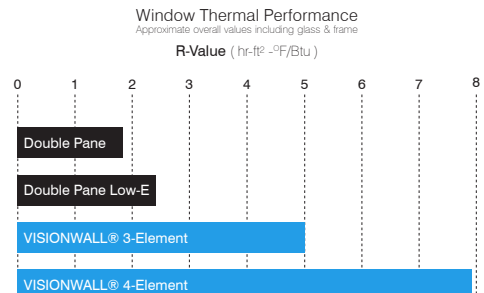
**Window condensation problems eliminated**



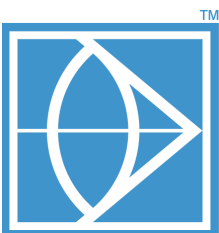
Reduce outdoor noise



Create energy efficient windows with large expanses of glass



Reduce heat loss and heat gain



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