



Project: Burnsville Performing Arts Center

Colorful light walls define a dramatic, visually animated entry at Burnsville Performing Arts Center

Panelite Product: Panelite IGU/TC4 with stepped glazing, backlit with LED Toplite Contracting
Design: Akeny Kell Architects
Installing Contractor: Toplite Contracting
Photography: Jim Gallop
Status: Completed 2009
Product Code: ClearShade IB-TC4

emphasize their visual "lightness", Panelite produced the units with a stepped glazing detail at the corners.

The ClearShade units carry a 10-year warranty and provide a low maintenance surface for long-term durability even in the hard Minnesota winters. Framing System and Installation supplied by Top Lite Glazing Contractors.

Challenge/Intent:

To enliven the exterior and clearly define the entrance of the Burnsville Performing Arts Center, using a series of luminous, directionally transparent glass columns that can vary in color depending on time of day, type of performance, or aesthetic intent.

Environmental Facts:

Panelite ClearShade IGUs, when used for vertical or skylight glazing, can reduce Solar Heat Gain by 75% while maintaining 48% Visible Light Transmission, reducing energy consumption and costs, and improving user comfort. (SHGC = 0.18 at mid-day.)

Solution:

Akeny Kell Architects chose Panelite's exterior-grade ClearShade IGU because its proprietary tubular honeycomb core allows not only visual transparency but also the subtle and complex visual effects they sought to create with color. The transparent glass lites of the ClearShade units create directional views for patrons entering the building, and the color-changing LED fixtures located inside the columns at the base of the units wash the honeycomb core to create varying visual effects.

ClearShade units are produced in New Jersey, Indiana, Florida and California, often falling within the 500-mile radius required by LEED to qualify for "Regional Materials" credit.

Panelite materials also contribute to LEED credits for Daylighting and Views, and Innovation and Design.

To give the columns a more minimal aesthetic and further





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