



P A N E L I T E

Project: Henry Madden Library, California State University at Fresno

A Structurally Elegant, Energy-Efficient and Visually Ethereal Glass Façade on the CSUF campus

Challenge/Design Intent:

The architects' challenge was to enclose the upper-story reading room of the new Henry Madden Library for privacy and a sense of focused calm while allowing views to the campus. Their aesthetic intent for the library was to reference two local elements: the tectonics and craft of basket weaving and the varied textures of the agricultural landscape.

Solution:

To accomplish these privacy, vision and aesthetic goals they chose Panelite's translucent ClearShade IGU. The glass panels read as a monolithic surface from the exterior while from the interior, the light quality, directional transparency and spectacular unfolding views create an ephemeral effect. In addition to providing 48% visible light transmission, the ClearShade product offers superior Solar Heat Gain performance due to the shading function of the honeycomb core, contributing to the building's energy efficiency.

Environmental Facts:

Panelite ClearShade IGU can reduce Solar Heat Gain by 75% while maintaining 48% Visible Light Transmission, reducing energy consumption and costs, and improving user comfort.

Panelite materials contribute to LEED credits, including Daylighting and Views, Regional Materials and Innovation and Design.



IGU/TC8 with grey silicone, 4 sided silicone installation • Design: AC Martin • Installing Contractor: San Joaquin Glass • Photography: Art Gray • Status: Completed 2009



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NEW YORK: 315 W 39TH STREET. 807 NEW YORK NY 10018
LOS ANGELES: 5835 ADAMS BLVD. CULVER CITY, CA 90232

T: 212-947-8292 / F: 212-947-8489
T: 323-297-0115 / F: 323-297-0122

www.panelite.us