



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

Panelite Product: IGU/TC8 with grey silicone, 4 sided silicone installation

Design: AC Martin

Installing Contractor: San Jaoquin Glass

Photography: Art Gray

Status: Completed 2009

Product Code: IG-TC8

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.

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%





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