

Frame the View with Thermal Performance



Whitehead Biomedical Research Building at Emory University
Atlanta, Georgia
ARCHITECT
Hellmuth, Obata + Kassabaum, Inc. (HOK), Atlanta, Georgia
WINDOW INSTALLER
Southern Sash and Supply of Montgomery, Montgomery, Alabama

The only thing traditional about this high-performance window is its appearance. TR-7100 Thermal Windows are built for strength, durability and complex thermal demands. These windows are designed for both beauty and performance and offer the versatility and flexibility that provide the foundation for 21st-century architectural masterpieces.

AESTHETICS

As part of a comprehensive line of architectural aluminum windows, TR-7100 Thermal Windows offer a broad array of aesthetically appealing options and exterior, internal or true muntins for the look and appeal of classic divided lights. These options, combined with superior thermal performance, make the windows an ideal choice for new construction or retrofit projects.

PERFORMANCE

TR-7100 Thermal Windows are manufactured with long-lasting finishes to stand up to the effects of seasonal weather extremes. The windows meet current building codes and high quality standards, and have been tested in accordance with AAMA/WDMA/CSA 101/I.S.2/NAFS designations. A weep system that ensures water drains to the exterior adds to the performance features of the window. Additionally, the windows are designed to accommodate 1" insulating glass for enhanced thermal performance.

MODEL	TR-7100
Function	Window
Frame Depth	3-1/4"
AAMA/WDMA/CSA 101/I.S.2/A-440-08 Designation	AW-PG100-FW
Water Resistance (PSF)	15

Thermal efficiency makes TR-7100 Thermal Windows ideal for buildings seeking to earn Leadership in Energy and Environmental Design (LEED®) certification points with the U.S. Green Building Council.

FABRICATION AND INSTALLATION

Sturdy aluminum construction ensures that TR-7100 Thermal Windows will not rot, warp or buckle when exposed to weather or moisture. Frame corners are joined for strength with stainless steel screws and factory sealed to ensure weathertightness.

VERSATILITY

TR-7100 Thermal Windows are an ideal companion to both the single-hung, side-load TR-9100 Windows and TR-6800 Sliding Windows. These versatile, architectural-grade 3-1/4" deep commercial windows expand design possibilities for architects, designers and building owners and provide options that offer a customized appearance for a range of applications, including:

- Curved frame and glazing bead
- Exterior glazing bead for spandrel glazing
- Exterior, internal or true muntins
- Internal blinds

A wide selection of finishes is available that enhance, protect and endure, including anodized, painted or powder-coated finishes in a wide range of color choices.



Brackett Elementary School, Arlington, Massachusetts