

THERMALSWITCH

BUILDING ENVELOPE EXTENSION™



THE TEAM is led by the founding partners of StudioTJOA, the inventors of the ThermalSwitchBEX™ system, Industrial and Architectural Designer Audrey Worden and Architect and Façade Specialist, Alex Worden. Engineering is supported by the globally renowned engineering firm, Thornton Tomasetti, building physics and life cycle assessment by AZ façade consulting. StudioTJOA has commitments with our established partners for manufacturing, assembly and installation.

OUR MISSION to design, develop and deploy a new offering for high performance window glazing systems. Our concept requires limited to no modification to the existing building envelope and has been designed for minimal disruption to occupants during installation.

The patent pending ThermalSwitchBEX system provides a necessary solution for the retrofit industry, and appeals to architects, and owners of both commercial and multi-family residential buildings. It is designed to provide benefits in both exterior and interior applications. Its ultralight weight panels and kit-of-parts approach means it can be installed by anyone skilled with a screwdriver and a rubber mallet.

Our ThermalSwitchBEX system is about creating a thermal buffer with a multi-layered approach using the lightest-weight and highest performing materials available today. This retrofit technology emphasizes reduced weight, embodied carbon, and provides significant cost benefits over traditional glass systems.

