



FASSADE™ Insulated Wall System

Integrating superior thermal efficiency with unlimited design potential.

At Vicwest, we believe that the inherent limitations of building materials should never stand in the way of an architect or designer's creative vision. That is why we have designed the FASSADE™ Insulated Wall System like our customers design their projects: with an eye toward limitless possibilities and maximum efficiency, flexibility and reliability.

Vicwest's FASSADE™ Insulated Wall System is specifically engineered to comply with the stringent R-Value and thermal bridging requirements for steel framed walls without compromising your ability to achieve your creative vision. The FASSADE™ Insulated Wall System incorporates an easy-to-install, single component insulated panel core with the ability to customize your building's exterior with any of Vicwest's wide range of cladding options.

Unlike traditional insulation systems, our insulated panel core eliminates the inefficiencies of multi-piece field assemblies saving in installation time and labor costs – at the same time attaching on the outside of the building to provide maximum thermal efficiency and eliminate thermal bridging. This high performance core further functions as an economical alternative to conventional air and moisture barrier systems and, with minimal additional attachments, provides the structure to support diverse horizontal or vertical cladding systems. It allows your building to be quickly enclosed to maximize air and water tightness with the thermal benefits of insulated metal panels.

The flexibility of the FASSADE™ Insulated Wall System gives you the canvas to enjoy complete design freedom in a single package, from a single trusted supplier. Our unique attachment system allows you to incorporate any of Vicwest's distinctive quality metal cladding profiles – from the clean lines of our architectural AD 300 profile to the myriad of pure colors, metallic and natural finishes of our custom fabricated Architectural Panel systems – without compromising thermal performance.

Shown with Vicwest AD 300R Architectural Steel Panel in Expressence™ Dark Cedar



Uses and Applications:

The FASSADE™ Insulated Wall System is suited as a wall for any type of architectural, commercial or industrial applications and in both new and retrofit construction.

FASSADE™ Insulated Wall System Core:

- Exterior & Interior Profile: DM40 (Mesa) insulated panel
- Insulation: CFC-free and no ODP foamed-in-place polyisocyanurate foam 2.2 to 2.5 pcf density
- Panel Thickness: 3" minimum
- Insulating Values: R-Value*: 24 minimum
U-Factor**: 0.05 Btu/hr·ft²·F
- Panel Width: 40"

- Panel Length: 8' minimum to 50' maximum insulated metal panels. Consult your sales representative for other available lengths and for cladding options.
- Metal Facings: 26ga galvanized steel minimum
- Panel Joint: Offset tongue and groove with concealed fastener to minimize thermal bridging

*R-Value tested in accordance with ASTM C518/C1363 at 40°F mean temperature, adjusted for a windspeed of 15 mph.

**U-Factor tested in accordance with ASTM C1363, Standard Test Method for the Thermal Performance of Building Assemblies by Means of Hot Box Apparatus

Contact:

For complete details contact your Vicwest representative, or visit www.vicwest.com



Note: For more information about building with steel, please refer to the CSSBI publication on the structural integrity of steel building panels.

In accordance with ongoing efforts to improve our products and their performance, Vicwest reserves the right to change without notice the specifications contained herein.

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