

FASSADE™ Insulated Wall System

Integrating superior thermal efficiency with unlimited design potential.



ALL WEATHER INSULATED PANELS

A Vicwest Company

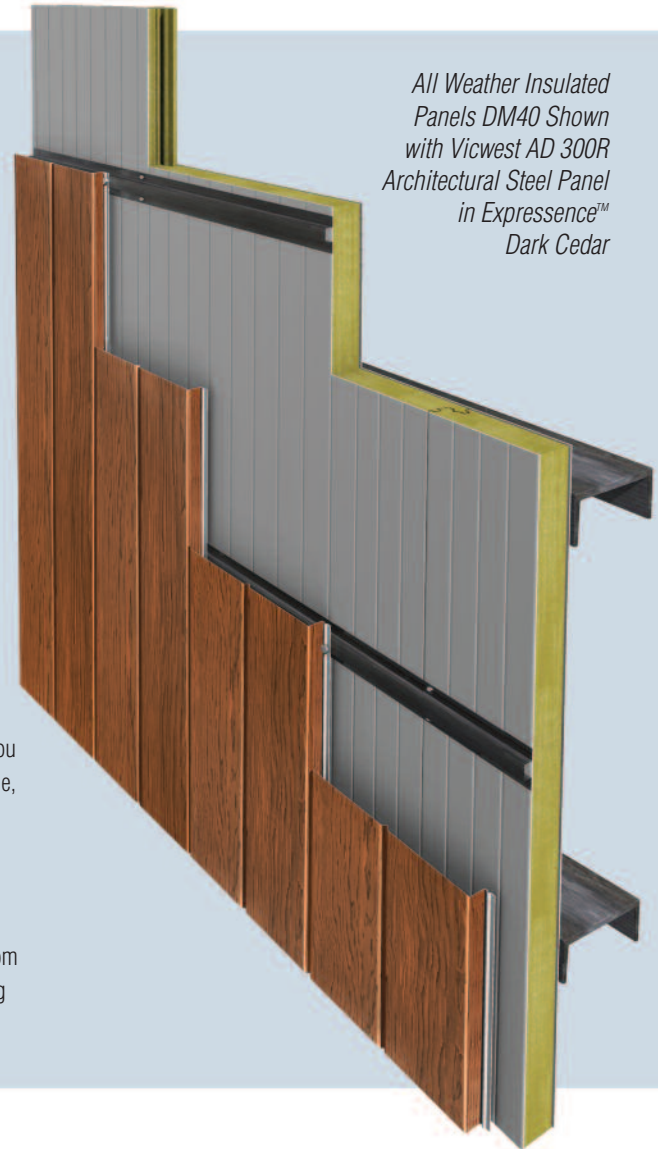
At All Weather Insulated Panels we believe that the inherent limitations of building materials should never stand in the way of an architect or designer's creative vision. That is why we have designed the FASSADE™ Insulated Wall System like our customers design their projects: with an eye toward limitless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

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

Unlike traditional insulation systems, All Weather's FASSADE™ system eliminates the inefficiencies of multi-piece field assemblies saving on installation time and labor costs. This high performance insulated substrate further functions as a superior alternative to conventional air and moisture barrier systems and provides the structure to support diverse horizontal or vertical cladding systems. It allows your building to be quickly enclosed in a monolithic high R value thermal envelope completely impervious to the elements.

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. The unique attachment system allows you to incorporate various architectural wall claddings, including any of Vicwest's distinctive quality metal 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.

All Weather Insulated Panels DM40 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 All Weather Insulated Panels representative, or visit www.awipanel.com.



Note: For more information about building with steel, please refer to the CSSEI 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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