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KNIGHT WALL SYSTEMS ROLLS OUT SECOND-GENERATION RAIN SCREEN SYSTEM THAT EXCEEDS ASHRAE 90.1 USING MINERAL FIBER INSULATION

Deer Park, WA – [Knight Wall Systems](http://KnightWallSystems.com) today announced the introduction of MFI-System™, a second-generation versatile rain screen attachment system for use with mineral fiber insulation that dramatically reduces thermal bridging and easily exceeds ASHRAE 90.1 Prescriptive Requirements, according to company president Doug Knight.

“We’ve developed a cost effective rain screen attachment system that can be used with mineral fiber while providing close to the same energy-efficiency of a true continuous insulation rain screen,” Knight said. “A project can easily achieve energy code-compliance along with façade versatility, moisture-control and sustainability.”

ASHRAE’s Prescriptive Requirement for steel-frame walls is an effective R-value of 15.6 ft² (U-Factor 0.064) – °F – hr/btu (in climate zones 4-8). Knight’s new MFI-System delivers an effective R-15.8 ft² – °F – hr/btu with 3.5” of exterior mineral fiber, and R-17.3 ft² – °F – hr/btu with 4”.

MFI-System features a highly corrosive-resistant 55 AL-ZN AZ50 coating for a long service life. Knight’s S-Rail (static) or D-Rail (dynamic) may be attached to its thermally isolating ThermaBracket in a vertical or horizontal orientation for increased façade versatility. Exterior insulation fits tightly around brackets without trimming and the

ThermaStop thermal isolation assembly is pre-assembled to the bracket. Nearly any cladding can be attached with easy and efficient installation and detailing. MFI-System also provides excellent ventilation with a minimum constant $\frac{3}{4}$ -inch continuous rain screen cavity. Out of plumb existing walls can easily be straightened with an integrated adjustment feature or by the use of fitted shims designed to keep the ThermaBracket structurally sound over its service life.

[Knight Wall Systems](#) Inc. is a subsidiary of Knight Construction and Supply Inc., in business since 1968, serving commercial, industrial and institutional customers throughout the US. The firm has more than 100 employees at its eastern Washington headquarters and manufacturing facility.

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