



**THE MOST
ADVANCED
WALL
SYSTEMS
ON THE
MARKET
TODAY.**



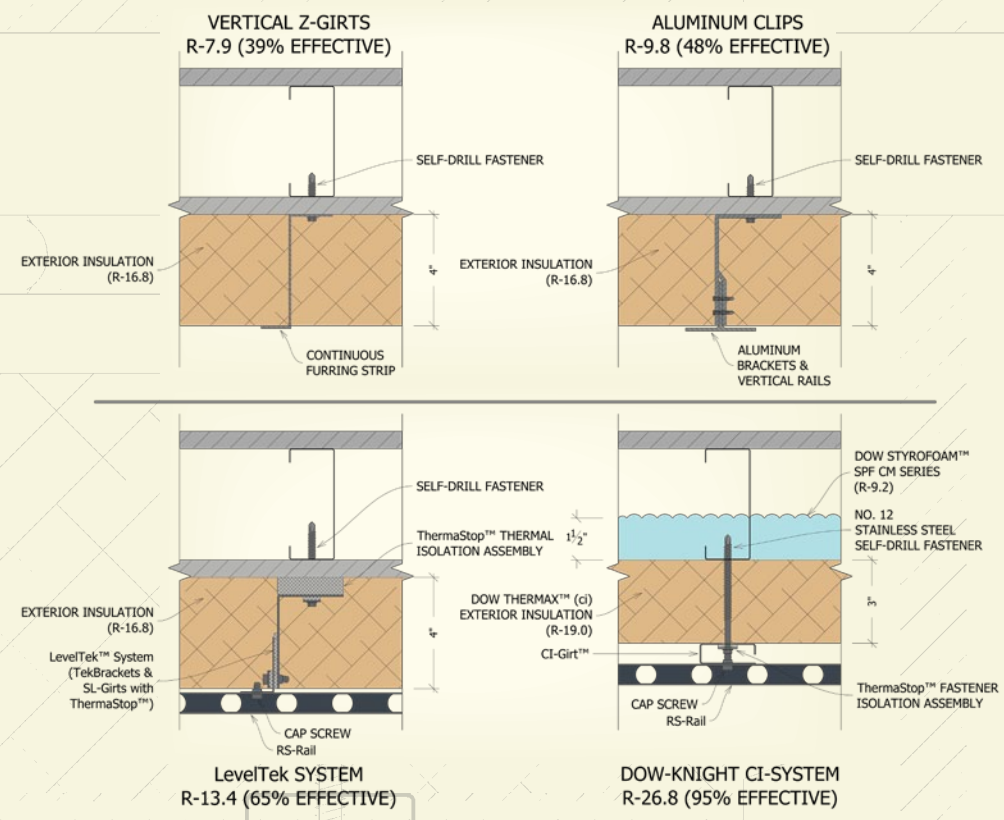
KNIGHT
WALL SYSTEMS

VERSATILE, EFFICIENT AND PROVEN WALL SYSTEMS.

ARCHITECTS AND DESIGNERS seeking superior management of moisture and increased energy efficiency from their project exteriors are turning to rain screens as a solution for both. In addition to controlling moisture and reducing energy consumption, a well-designed rain screen provides limitless design options for the building envelope.



REDUCE MOISTURE. SAVE ENERGY.



KNIGHT WALL SYSTEMS' efficient, LEED-rich rain screens can be specified with a patented self-leveling feature that enables quick, simple and precise installation. Out-of-plumb walls become easily managed without sacrifice to the size of the rain screen cavity. Knight's patented THERMASTOP™ thermal isolation system dramatically increases the effectiveness of exterior insulation and overall energy efficiency of the building. The company's most advanced wall system is an industry-recognized ASHRAE-compliant continuous insulation solution that delivers maximum energy efficiency with nearly no thermal bridging. Knight Wall Systems. Where building technology meets sustainability.

INTRODUCING DOW™-KNIGHT CI-SYSTEM

DOW-KNIGHT CI-SYSTEM provides a complete rain screen solution that offers maximum energy efficiency and excellent moisture management

To learn more visit www.dowknightsolutions.com



ENERGY EFFICIENCY

Knight's patented self-leveling rain screen systems allow the use of up to 6" of exterior insulation. Minimal thermal bridging is accomplished through use of the THERMASTOP isolation system. The industry-first DOW™KNIGHT CI-SYSTEM offers true continuous exterior insulation that can achieve up to 95% insulation effectiveness, twice that of traditional wall assemblies.

SUSTAINABLE

UP TO 9 LEED® CREDITS.

- Highly sustainable façade materials with excellent SRI values
- Several systems can be placed over an existing failing building façades, contributing to labor and waste reduction on renovations
- Produced in the Northwest by local manufacturers using American-sourced materials
- Easily surpass envelope performance requirements of ASHRAE 90.1

MOISTURE CONTROL

Moisture trapped within wall assemblies is one of the leading causes of building deterioration and one of the most important design considerations. Knight Wall Systems' drainage/air cavity (plus our typical details):

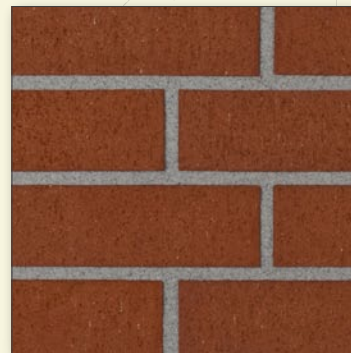
- Promotes water drainage
- Creates air ventilation to carry away water vapor
- Provides an adequate capillary break

FAÇADE VERSATILITY

Knight's patented rain screen façade systems are unique to the building envelope industry. From shimless installation on an out-of-plumb substrate or old walls to effective use of exterior insulation, Knight Wall Systems facilitate unlimited design options for building facades. Finishes include:

- Aluminum and ACM panels*
- Thin brick veneer panels*
- Natural stone (StoneSheets) panels*
- Porcelain tile panels*
- Concrete panels*
- Stucco (monolithic)
- Fiber cement lap siding or board
- Roll formed metal sheet siding
- Composite panels
- Terra Cotta
- Engineered wood

*Knight Wall Systems supplied or manufactured



All Knight Wall Systems components are manufactured in the USA.
(Patent Pending)



KNIGHT WALL CONTINUOUS INSULATION RAIN SCREEN SYSTEMS CAN CONTRIBUTE TO THE FOLLOWING USGBC LEED CREDITS:

- Energy & Atmosphere (EA) Prerequisite and Credit 1
- Materials & Resources (MR) Credits 4 and 5

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