M-SIPs has deep roots in the innovative design culture of Scandinavia, is now introducing International and American Certified SIPs materials to the American construction market. We’re bringing innovative advancements and superior products – products that eliminate the limitations of current materials such as expansion and contraction, rotting, warping and fire hazards. Multi-Panel’s full product range includes SIPs, Energy Panels (Patent Pending process) Fiber Cement Siding, Mgo structural sheathing (non chloride) and XPS shower and tile backer. Our advanced certified concepts and products mix save both time and money by being a true single-material replacement for the two, three and sometimes five layers used in current material practices. These products are the result of years of research, development and certification some in a Patent Pending Processes. They have produced an exceptional track record of quality and efficiency – and provide remarkable labor-saving solutions. With superior-performance products, we are often asked why Multi-Panel’s is not more expensive than our competitors. The answer is simple: We maintain an innovative mindset not only with our product mix but also with the way we bring those products to market. In short, we have a streamlined value chain with lower overhead… and we pass the resulting savings directly to our clients. Contact us with any questions you may have …

Our product range has been though intensive long term testing and are certified and tested towards both European, North America and Canadian building regulations:

[Logos and certifications]

www.m-sips.com
Guidelines for Installation

• Secure project apply to local building code. Engineered details take precedence over M-SIPs details.

• Preconstruction meeting with your installation crew.

• Inventory materials when you receive according project and order confirmation.

• Check all M-Energy sizes and compare to project drawings before installation.

• Details regarding mastic need to be followed and fill all voids with expanding foam to avoid cold bridging.

• Make sure your horizontal FRP H profile is level and straight.

• Fabricate and pre-install the sliding spline material as specified.

• Do not lift up the M-Energy Panel by the edge of the top skin use, use vacuum lift system as for glass.

• Remove any debris from the FRP profile before you place the M-Energy Panel on it.

• Make sure that the inside M4 facing skin are bearing on the FRP H profile.

• Follow proper screwing requirements and for thermal expansion according to details and job specific engineering.
DETAIL EP 001

- Rustica/Natura exterior fibercement siding
- FRP H profile
- M4 board
- Steel studs
- PIR insulation
- Stone or glass wool
- Bottom plate FRP U profile

M-SIPs
GREEN AND FIREPROOF CONSTRUCTION
Panel 2 - Rustica/Natura exterior fibercement siding

PIR insulation

Mastic typical each side

FRP H profile

Fasteners for thermal expansion

Air space

Panel 1 - Rustica/Natura exterior fibercement siding

Steel studs

Bottom plate FRP U profile

M4 board
WOOD STUDS AND RIVETS DETAIL EP 003
Panel 2 - Rustica/Natura exterior fibercement siding

Optional: mastic per building code

FRP H profile

Panel 1 - Rustica/Natura exterior fibercement siding

PIR insulation

Air space

Fasteners for thermal expansion

M4 board

Wood studs
Surface spline (Type S)

Block spline (Type S)

FRP spline (Type F)
Rustica/Natura exterior fibercement siding

Continuous mastic typical each side

Cut panels 45 degree

M4 board

PIR insulation
Rustica/Natura exterior fibercement siding

Self drilling fastener

FRP U profile

Avoid cold bridge

PIR core insulation

M4 board

WINDOW/DOOR VERTICAL/HORIZONTAL FRP PROFILE

DETAIL EP 008