

- 1 EPS**
- 2 OSB**
- 3 Lumber Spline**
- 4 Lumber Plate**

## Compliance with the following codes:

- 2015 and 2012 International Residential Code (IRC)
- Structural capacities are recognized for compliance with Model Building Codes in evaluation reports from ICC NTA, Intertek or IAPMO.

## Installation – Design:

- Must follow, Model Building Codes in evaluation reports from ICC NTA
- Must follow, the M-Sips Installation manual and the SIPA design manual

## Fire-resistance Wall Assemblies:

- The building code definition of an approved thermal barrier is one which is equal in fire resistance to 12.7 mm (1/2 inch) gypsum. All building codes require an approved thermal barrier on the habitable side of a structure between the interior of the structure and the polyurethane foam.

## Conditions of use:

- Type V-B for Exterior Walls.

## M-SIPs Panel – Specifications (Insulation type EPS- Neopor)

- R27 – 6 1/2" x 4' x 8'
- R38 – 8 1/4" x 4' x 8'

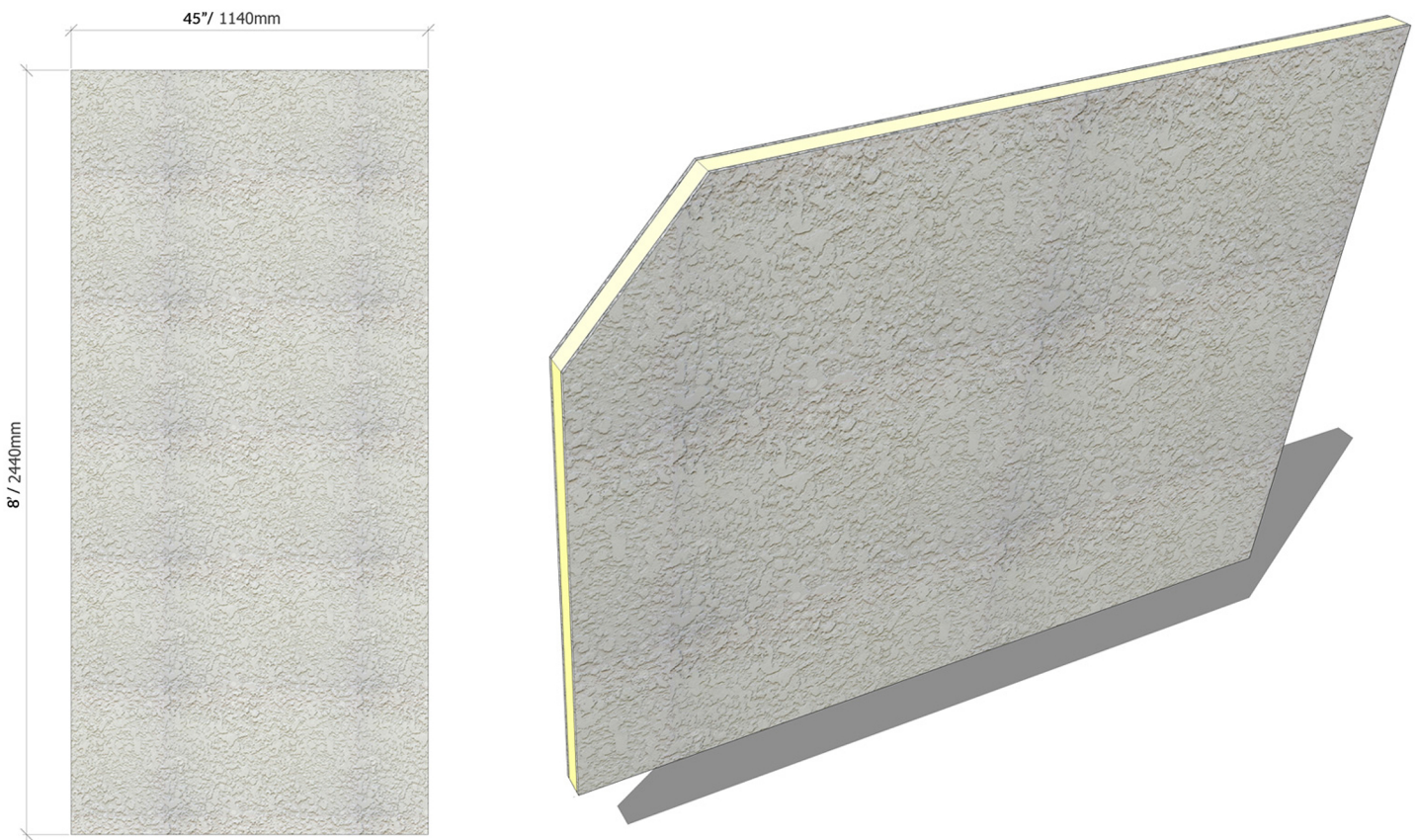
Panel length: on request up to 24'

## M-Thermo-Panel

If extended R value is demanded the M-Thermo Panel can be applied as continuous insulation, range: R6 – R19.

## NON STRUCTURAL, UNDERLAYMENT SANDWICH PANEL

Having insulation on the exterior of a building moves the dew point to the exterior of the wall which helps prevent moisture buildup inside the walls. Continuous insulation on the outside of a building also eliminates thermal bridging, seals the envelope, and greatly enhances thermal performance.



### FIRE RATING - PANEL

Delivering 15 min. Thermal Class A fire rating (CAN/ULC S124-06).

### INSULATION VALUE

- R6 (U value 0.88)
- R13 (U Value 0.44)
- R19 (U Value 0.30)

Insulation material thickness: R6 1" (25mm) - R13 2" 50 mm – R19 3" (70 mm).