



- 1 – PIR**
- 2 – M4**
- 3 – C Studs**
- 4 – U Track**

Compliance with the following codes

- 2015 and 2012 International Building Code (IBC)
- 2015 and 2012 International Residential Code (IRC)

Fire-resistance Wall Assemblies

- To be determined 1st quarter 2020 in accordance with ASTM-E119
- Polyiso insulation, Class A fire rated in accordance with ASTM E 84
- M4 sheathing is Non Combustible according ASTM E 136

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 board. 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

M-Thermo-Panel

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

Installation - Design:

- Must follow, ICC – ES report ESR -3840
- Must follow, the M-Sips Installation manual
- Must follow the Steel Stud Manufacturers Association, ICC ES report ESR 3064P

Conditions of use

- Type I, II III or IV exterior walls limited to 40 feet in height

M-SIPs Panel – Specifications (Insulation type Polyiso)

- R24 – 4.80" x 45" x 8'
- R38 – 6.81" x 45" x 8'
- R48 – 8.54" x 45" x 8'

Panel length: on request up to 39'