

HOOVER TREATED WOOD PRODUCTS, INC

TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1-800-TEC-WOOD (832-9663)

UL Design Number V314: Configurations

This Technical Note assists users with understanding that [UL Design No.V314](#) has three distinct configurations based on the types of Insulation and Gypsum Board used. No substitutions are allowed in this UL-listed assembly. The “Section” or “Sec.” references below are found in [UL Design No.V314](#); the complete document with UL Guide Information can be found here:

<http://productspec.ul.com/document.php?id=BXUV.V314> (Note: A free UL account is required.)

All configurations require:

- [Pyro-Guard](#)[®] fire-retardant-treated (FRT) 15/32” plywood (Sec. 5)
- [Pyro-Guard](#)[®] FRT nominal 2” x 4” or greater lumber (Sec. 1)
- Two layers of 5/8” Gypsum Board
- Insulation
- Exterior facing

See [UL Design No.V314](#) regarding fasteners, tape, joint compound, and construction details.

Configuration 1 Requirements:

- Faced or unfaced mineral fiber (wool) insulation 3.5” thick - nominal 3.0 pcf (Sec. 4) or spray granulated mineral fiber (Sec. 4A) at nominal 3.0 pcf
- **Type X** Gypsum Board, 5/8” (Sec. 2)

Allows any exterior facing allowed by AHJ or as listed in Sec. 6.

Configuration 2 Requirements:

- Faced or unfaced glass fiber batts or blanket insulation (Sec. 4B) 3.5” thick, nominal 1.4 pcf R15
- **Type X** Gypsum Board, 5/8” (Sec. 2)

If assembly is rated for 2 hours (interior exposure only), exterior facings are limited to Secs. 7 & 8.

If assembly is rated for 2 hours interior and 1 hour exterior side, exterior facings are limited to Sec. 8.

Configuration 3 Requirements:

- Faced or unfaced glass fiber batts or blanket insulation (Sec. 4C) 3.5” thick, nominal 0.8 pcf R13
- **Type C** Gypsum Board, 5/8” (Sec. 2A)

If assembly is rated for 2 hours (interior exposure only), exterior facings are limited to Secs. 7 & 8.

If assembly is rated for 2 hours interior and 1 hour exterior, exterior facings are limited to Sec. 8.

Note: If any discrepancy appears between this [document](#) on frtw.com and the listing on UL’s website, then the information on UL’s website takes precedence.