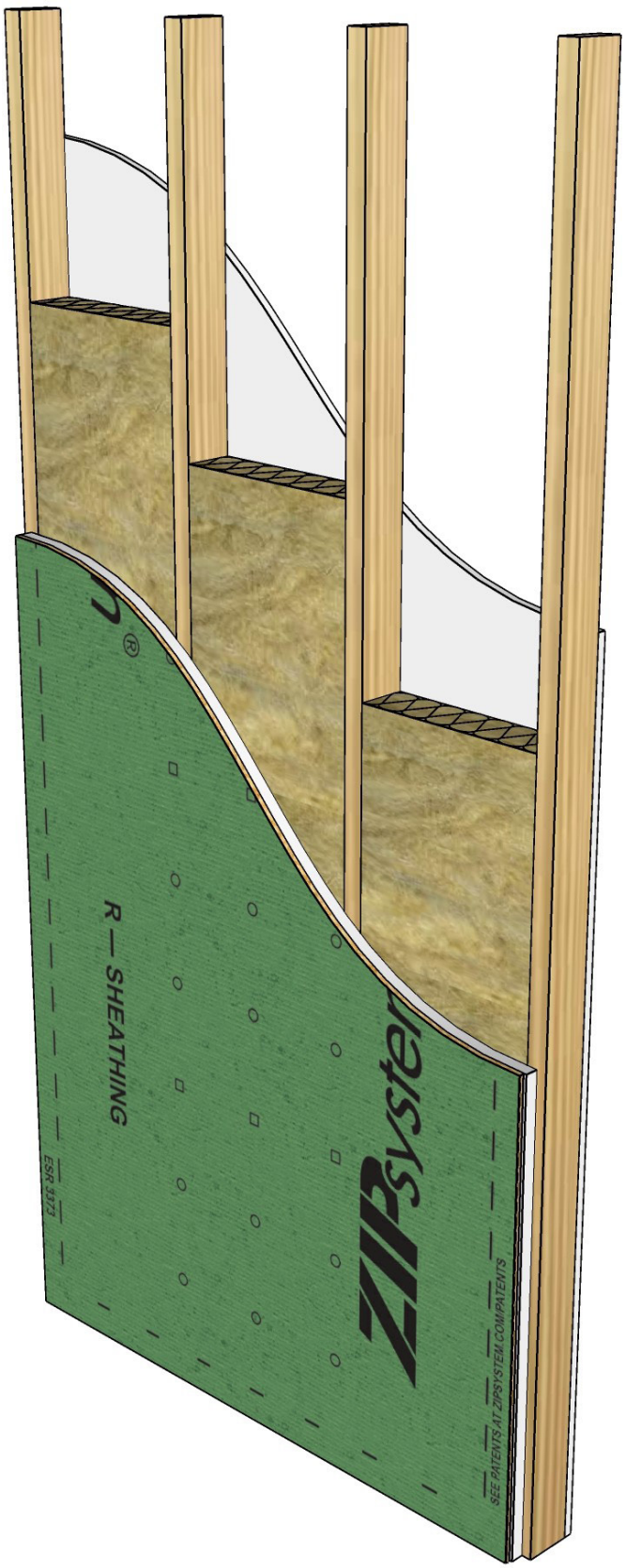
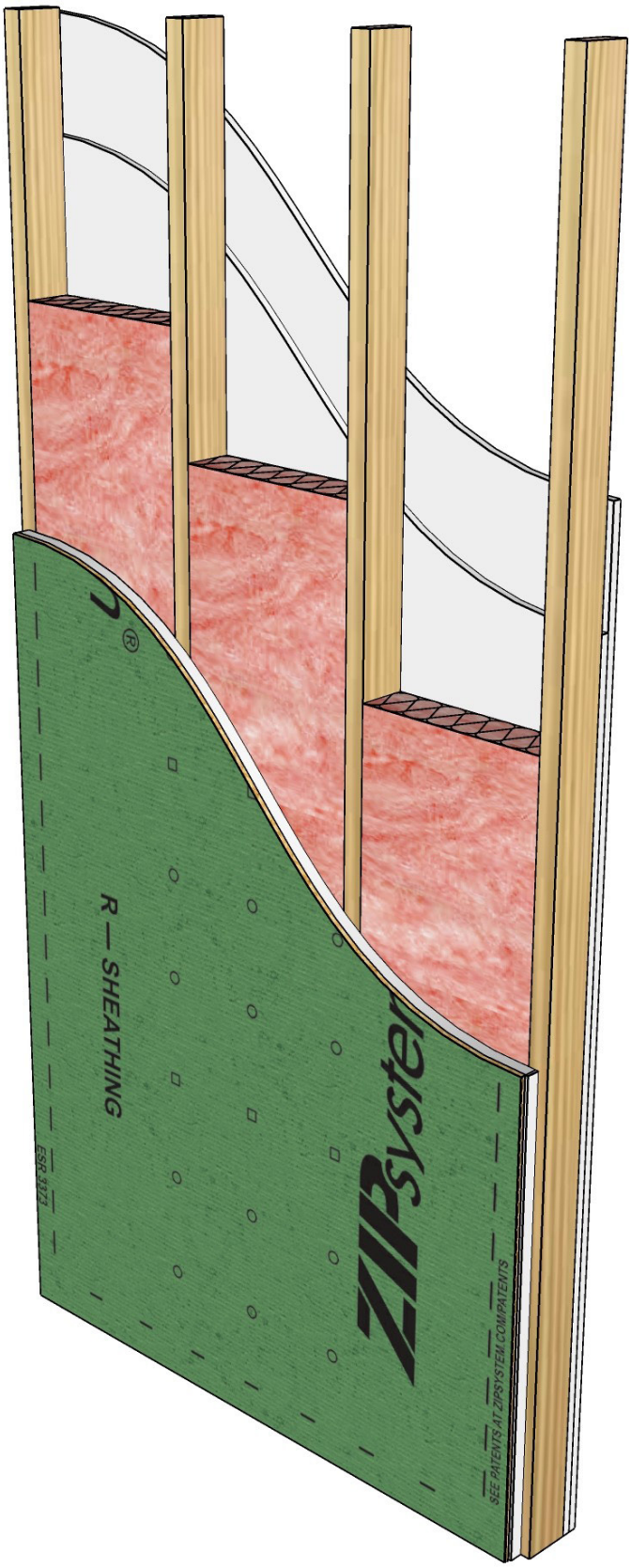
Fire Rated Assembly | ZIP System R-Sheathing





Contents

Overview

This handbook is intended to provide general information regarding assemblies that have been investigated and evaluated for fire resistance. The assemblies presented in this handbook feature ZIP System® R-Sheathing panels installed as part of an assembly of materials and tested and evaluated in accordance with ANSI UL 263 standard test methods for fire tests of building construction and materials.

The information contained in this handbook is for guidance and reference only. Please refer to the applicable fire-resistance rated assembly published by Underwriter's Laboratory (UL) for full assembly details, requirements, and options.

Some assemblies present information for the assembly without a wall cladding. This information is meant to represent the base level of performance for the given assembly. ZIP System® R-sheathing panels should always be covered by an appropriate finished wall cladding. Please see the *ZIP System® R-Sheathing installation manual* available at www.huberwood.com for more information and applicable related UL assembly for cladding use and restrictions.

Fire-Resistance Ratings

A fire-resistance rating is created to determine the neccesary fire and smoke barriers to create compartmentalization during a fire, safeguarding against the spread of fire within a building or to and from a building. This section contains descriptions of wall assemblies that have been tested in accordance with ANSI UL 263 for fire-resistance.

Applications and Uses

Code-compliance for ZIP System® R-sheathing is provided in ICC-ES ESR-3373 and ER-0482 for high seismic zones as an exterior sheathing material suitable for use in Construction Type V as defined by the International Building Code (IBC) and International Residential Code (IRC).

ZIP System R-Sheathing Fire-Rated Assemblies

UL Assembly	Assembly Rating
UL V302	1 Hour Interior
UL V303	1 Hour Interior
UL V318	1 Hour Interior
UL U355	1 Hour Interior
UL U364	1 Hour Interior and Exterior

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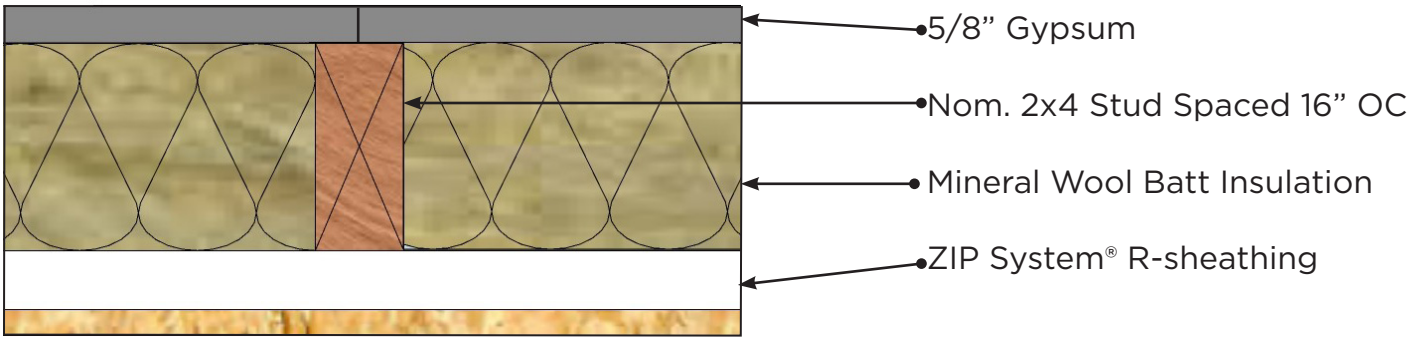
UL Design No. V302

1hr Fire Resistance (interior)

Interior



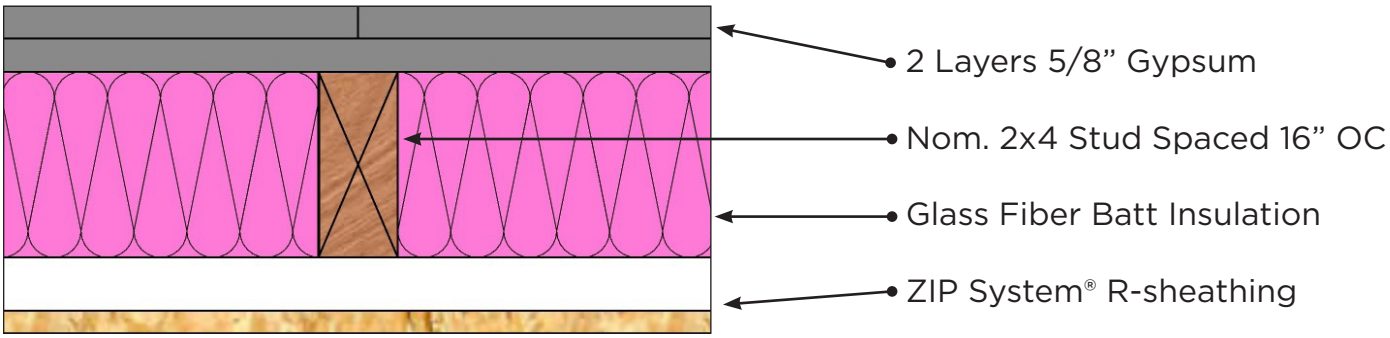
Exterior

*See applicable UL V302 Design for full assembly details and requirements

UL Design No. V303

1hr Fire Resistance (interior)

Interior



Exterior

*See applicable UL V303 Design for full assembly details and requirements

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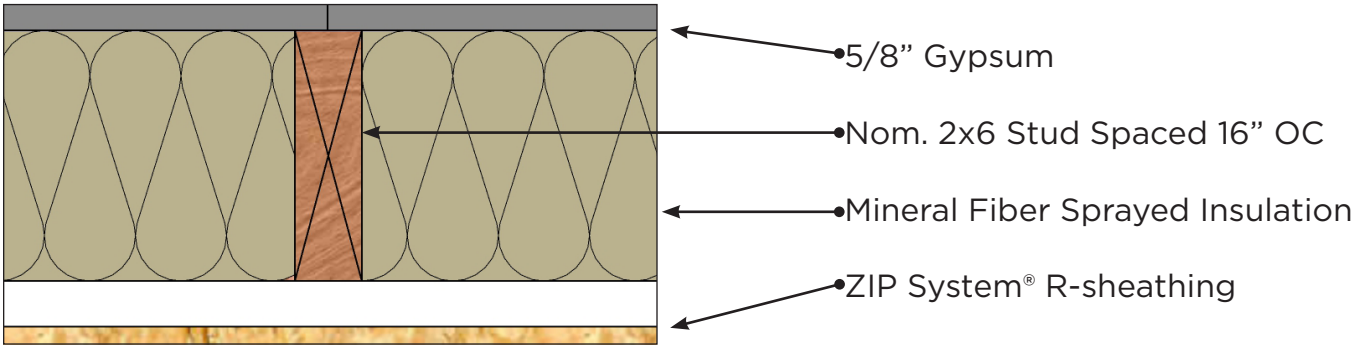
UL Design No. V318

1hr Fire Resistance (interior)

Interior



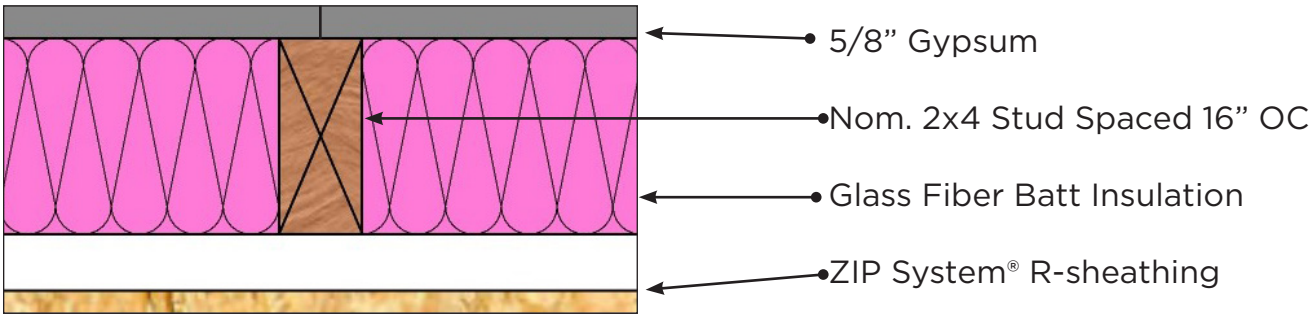
Exterior

*See applicable UL V318 Design for full assembly details and requirements

UL Design No. U355

1hr Fire Resistance (interior)

Interior



Exterior

*See applicable UL U355 Design for full assembly details and requirements

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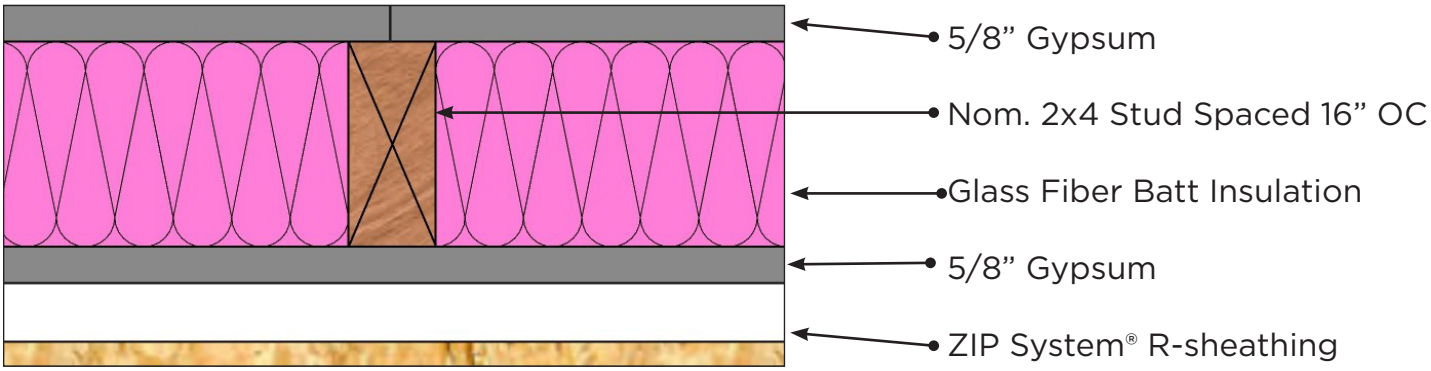
UL Design No. U364

1hr Fire Resistance (interior and exterior)

Interior



Exterior

*See applicable UL U364 Design for full assembly details and requirements

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 HUB 9314 REV 03/19/2024