

ZIP System® R-Sheathing Installation over Light-Gauge Metal Framing



ZIP System® R-Sheathing panels consist of an oriented strand board panel with a water-resistant membrane laminated on the exterior face and a rigid foam insulation panel bonded on the opposite (interior) face. When properly installed and taped, ZIP System® R-sheathing provides a water-resistant barrier, air barrier, and exterior insulation in one product. Because of this combination of benefits, building designers occasionally inquire about the use of ZIP System® R-Sheathing over light -gauge metal studs. ZIP System® R-Sheathing may be used over light gauge metal framing without voiding the 30 year limited warranty provided the conditions and limitations noted below are followed.

ZIP System R-Sheathing Application Over Light-Gauge Metal Framing

- May only be used in buildings defined as Type V construction in accordance with the International Building Code (IBC) or construction permitted under the International Residential Code (IRC).
- ZIP System® R-Sheathing is permitted in wall construction assemblies only. Do not use on roofs.
- Not intended or recognized for lateral bracing or lateral load resistance.
- A thermal barrier must be installed per code.
- ZIP System® R-Sheathing may not be used with metal studs in fire rated assemblies.
- All panel joints must be sealed with ZIP System™ tape or ZIP System™ liquid flash.
- Secondary coatings may not be applied to ZIP System® R-Sheathing.
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- Please refer to ZIP System® R-Sheathing Installation Manual for additional information and limitations.
- Follow light gauge metal manufacturer's installation information for proper installation of all light gauge metal framing components.

Fastening Information

Approved fasteners when attaching ZIP System® sheathing and ZIP System® R-sheathing are shown in the table. Fastener spacing shall be 6" o.c. along the perimeter and 12" o.c. in the field of each panel.

Panel Type	Fastener Type	Brand	Part #	Length (in.)	Head Dia	Shank
R-3 (1/2" Foam)	Pin	Aerosmith Versapin™ Gripshank®	2385AG	1.5	0.312	0.100
R-3 (1/2" Foam)	Screw	Simpson Strong-Tie® Self-Drilling Bugle-Head Screw	F08T162BD*	1.625	0.344	#8
R-6 (1" Foam)	Pin	Aerosmith Versapin™ Gripshank®	2505SBG	2.0	0.312	0.100
R-6 (1" Foam)	Screw	Simpson Strong-Tie® Self-Drilling Bugle-Head Screw	F08T200BD*	2.0	0.344	#8
R-9 (1.5" Foam)	Pin	Aerosmith Versapin™ Gripshank®	2635SBG	2.5	0.312	0.100
R-9 (1.5" Foam)	Screw	Simpson Strong-Tie® Self-Drilling Bugle-Head Screw	F10T250BD*	2.5	0.344	#10
R-12 (2" Foam)	Screw	Simpson Strong-Tie® Self-Drilling Bugle-Head Screw	F10T300BD*	3.0	0.344	#10

* Last letter of Part # depends on quantity ordered