

# PERMA "R" BRACE

## VS OSB (ORIENTED STRAND BOARD)

	PERMA "R" BRACE	Standard OSB
<b>Cost</b>		
Eliminates need for HouseWrap (materials & labor)	✓	✗
Stable material pricing	✓	✗
Reduced labor cost due to faster install and lighter materials	✓	✗
<b>Ease Of Installation</b>		
Nail patterns pre-printed on the face	✓	✗
Easier handling: 76% lighter weight vs. typical 7/16" OSB	✓	✗
Faster install	✓	✗
<b>Features</b>		
Private-Label logo printing available	✓	✗
Better air infiltration properties (Door Blower test results)	✓	✗
Material comes in 48 3/4" width for overlap installation	✓	✗
Custom sizes available	✓	✗
Increased moisture & mold resistance	✓	✗
Superior Weather Resistant Barrier (WRB) on both sides	✓	✗
Higher Structural rating	✓	✗
Formaldehyde-free	✓	✗
Covered by Warranty	✓	✗

Product	Fastener	Fastener Spacing (edge:field) (in)	Stud Spacing (in)	Gypsum Wallboard (GWB)	GWB Fastener Spacing <sup>3,5</sup> (edge:field) (in)	Equivalency Factors <sup>1,2,4,6</sup> to IRC WSP or CS-WSP*
PermaBrace® Red	15/16" Crown x 1 3/4" Leg 16 ga Staple or 0.120"x1 1/4" Smooth shank roofing nails	3:3	16 o.c.	1/2" GWB	8:8	0.75
					16:16	0.91

\*WSP = Wood Structural Panel

<sup>1</sup> Individual jurisdictions and municipalities may vary. Check with your local building officials for approval and acceptance. <sup>2</sup> When compared to OSB system install.



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PRP Sheathing vs OSB 3-24

# PERMA "R" BRACE SIB

## VS OSB (ORIENTED STRAND BOARD)

	PERMA"R"BRACE SIB	Standard OSB
<b>Cost</b>		
Eliminates need for HouseWrap (materials & labor)	✓	✗
Stable material pricing	✓	✗
Reduced labor cost due to faster install and lighter materials	✓	✗
Reduced energy use (higher energy-efficient home)	✓	✗
2x4 instead of 2x6 studs: lower cost and higher square footage	✓	✗
<b>Ease Of Installation</b>		
Nail patterns pre-printed on the face	✓	✗
Easier handling: less than half the weight of OSB	✓	✗
Faster install	✓	✗
<b>Features</b>		
Provides continuous insulation meeting Energy Code requirements	✓	✗
Private-Label logo printing available	✓	✗
Custom sizes available	✓	✗
Increased moisture & mold resistance	✓	✗
Superior Weather Resistant Barrier (WRB) on both sides	✓	✗
Higher Structural rating	✓	✗
Formaldehyde-free	✓	✗
Covered by Warranty	✓	✗

Product	Sheathing Direction	Fastener	Fastener Spacing (edge:field) (in)	Stud Spacing (in)	Equivalency Factors <sup>6</sup> to IRC WSP or CS-WSP*
PermaBrace® Red SIB R3	FPIS Outward	15/16" Crown x 1 3/4" Leg 16 ga Staple	3:3	16 o.c.	0.80
PermaBrace® Red SIB R5		15/16" Crown x 2" Leg 16 ga Staple			0.74
PermaBrace® Red SIB R3	FPIS Inward	1 3/4" x 1 1/4" Smooth Shank Roofing Nail			0.76
PermaBrace® Red SIB R5		1 3/4" x 1 1/4" Ring Shank Roofing Nail			0.82

\*WSP = Wood Structural Panel

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