



STEEL FRAMING STUDS

### R-Stud® with MINERAL WOOL vs. FIBERGLASS

\*SOURCE: <https://www.clarkdietrich.com/products/drywall-framing/prostud-drywall-framing-system/technical-content/sound-rated-systems>

**MINERAL WOOL** (Thermafiber, Roxul)



**R-stud®**  
1 + 1 Type X GWB  
Thermafiber/Roxul  
**50 STC**

**FIBERGLASS** (Owens Corning)

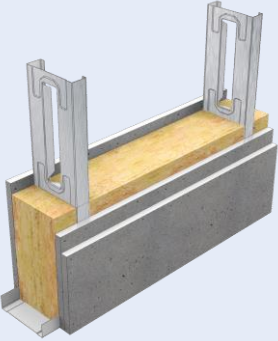


**R-stud®**  
1 + 1 Type X GWB  
Owens Corning  
**49 STC**

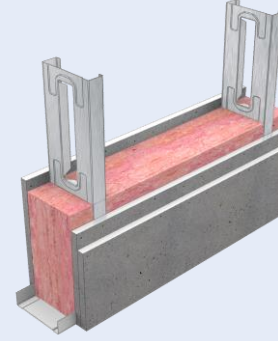
**FIBERGLASS** (Owens Corning)



**\*conventional stud**  
1 + 1 Type X GWB  
Owens Corning  
**41 STC**



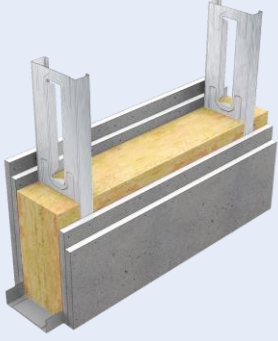
**R-stud®**  
1 + 2 Type X GWB  
Thermafiber/Roxul  
**52 STC**



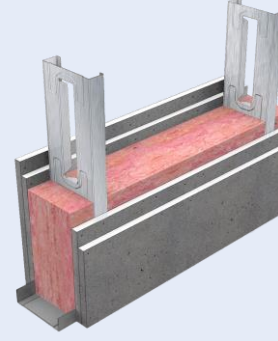
**R-stud®**  
1 + 2 Type X GWB  
Owens Corning  
**51 STC**



**\*conventional stud**  
1 + 2 Type X GWB  
Owens Corning  
**44 STC**



**R-stud®**  
2 + 2 Type X GWB  
Thermafiber/Roxul  
**55 STC**



**R-stud®**  
2 + 2 Type X GWB  
Owens Corning  
**54 STC**



**\*conventional stud**  
2 + 2 Type X GWB  
Owens Corning  
**45 STC**



## R-Stud® COST COMPARISON

\*SOURCE: \*Market Prices provided by licensed NWCB member contractor

MINERAL WOOL (Thermafiber, Roxul)	
	<p><b>R-stud®</b> 1 + 1 Type X GWB Thermafiber/Roxul <b>50 STC</b></p>
<p><b>\$11.60/sf</b></p>	

FIBERGLASS (Owens Corning)	
	<p><b>R-stud®</b> 1 + 1 Type X GWB Owens Corning <b>49 STC</b></p>
<p><b>\$11.00/sf</b></p>	

FIBERGLASS (Owens Corning)	
	<p><b>*conventional stud</b> 2 + 2 Type X GWB Owens Corning <b>45 STC</b></p>
<p><b>\$16.70/sf</b></p>	

**EXAMPLE-**

9 foot ceiling and 20 foot common wall = 180 square feet of wall area

Cost to build conventionally \$ 3,006.00

Cost to build with R-stud \$ 2,106.00