



STEEL FRAMING STUDS

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

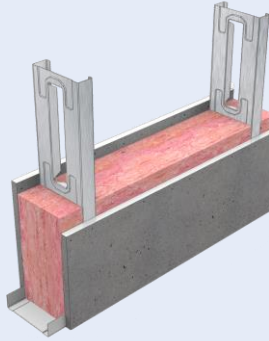
\*SOURCE: <https://www.clarkdietrich.com/products/drywall-framing/prostud-drywall-framing-system/technical-content/sound-rated-systems>

**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)



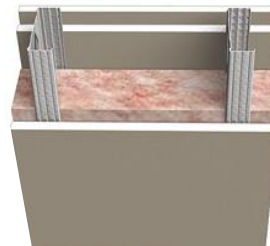
**\*conventional stud**  
1 + 1 Type X GWB  
Owens Corning  
**41 STC**



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



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



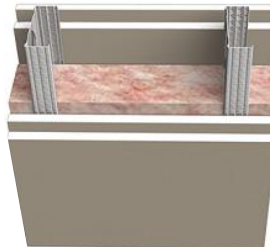
**\*conventional stud**  
1 + 2 Type X GWB  
Owens Corning  
**44 STC**



**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**