



# STC Ratings in Applications

Page 1 of 1

Sound transmission class (STC) is a rating system, the most commonly recognized sound isolation standard in North America. As shown in the illustrations, simply adding a two-layer drywall/ Green Glue Noiseproofing Compound sandwich to various wall constructions provides significant improvements in STC rating compared to a standard assemblies.

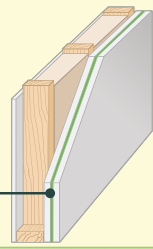
## Standard Single-Stud Construction



**STC 52**

- ~75% improvement

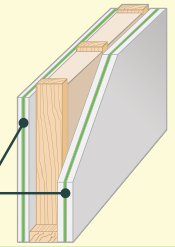
Green Glue applied to one side



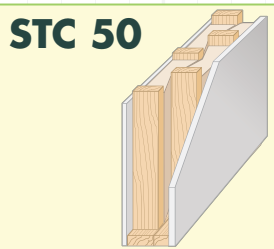
**STC 55**

- Over 80% improvement

Green Glue applied to both sides



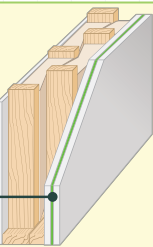
## Staggered-Stud Construction (UL# U340)



**STC 58\***

- ~65% improvement

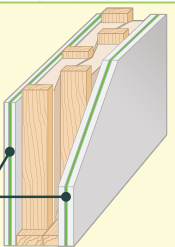
Green Glue applied to one side



**STC 62**

- ~75% improvement

Green Glue applied to both sides



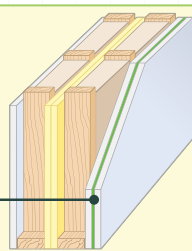
## Double-Stud Construction (UL# U347)



**STC 69\***

- 65% improvement

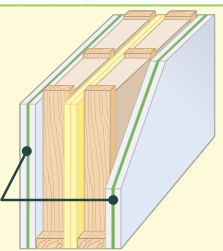
Green Glue applied to one side



**STC 73\***

- Over 75% improvement

Green Glue applied to both sides



### \*Estimated

This document is for general information purposes only. The diagrams and stated STC ratings are intended as a guide; Green Glue Company cannot guarantee actual STC ratings. Flanking sound patterns, and construction techniques used in the wall, floor and ceiling are important factors in effective sound control. Product features and specifications are subject to change.



### Environmental Claims:

#### ULE:

- No formaldehyde
- Mold resistant



#### US Green Building Council:

- LEED credit awarded