

STC Ratings

STC Ratings of wall assemblies insulated with



Testing done with full scale assemblies at Riverbank Acoustical Laboratories. Some walls extrapolated from other data.

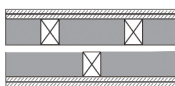
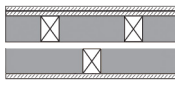
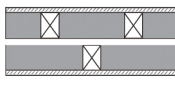
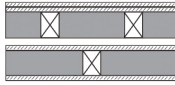
The diagrams and stated STC ratings listed below are intended to serve as a guide. Construction practices have an influence on final STC ratings. Nu-Wool® Co., Inc. cannot guarantee actual STC ratings. Flanking sound patterns, the integrity of the wall, and floor and ceiling construction are important factors in effective sound control.

For more information, please contact the technical department of Nu-Wool Co., Inc. at 800.748.0128.

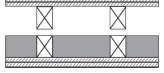
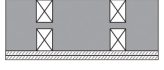
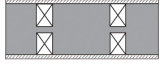
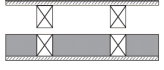
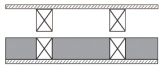
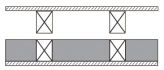
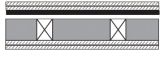
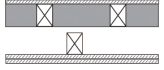
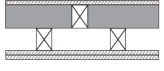
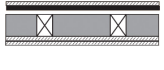
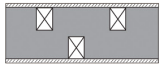
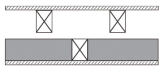
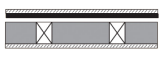
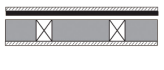
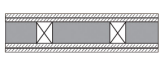
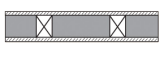
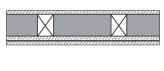
STC

- 60** Single steel studs 16" o.c.; resilient channel one side; double layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick. 
- 58** Single steel studs 16" o.c.; resilient channel one side; double layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 1/2" thick. 
- 54** Single 6" studs 16" o.c.; resilient channel one side; one layer, 5/8" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 5/8" thick. 
- 52** Single steel studs 16" o.c.; resilient channel one side; single layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 1/2" thick. 
- 46** Single steel studs 16" o.c.; single layer 1/2" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 1/2" thick. 

WOOD STUD ASSEMBLIES Nu-Wool proprietary firewall designs

- 63** U382: Staggered wood studs 16" o.c.; double layer 5/8" type "C" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 58** U382: Staggered wood studs 16" o.c.; double layer 5/8" type "C" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 53** U382: Staggered wood studs 16" o.c.; single layer 5/8" type "C" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 58** U369: Staggered wood studs 16" o.c.; double layer 5/8" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick. 
- 51** U360: Staggered wood studs 16" o.c.; single layer 5/8" type "x" gypsum board each side and between studs; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 

WOOD STUD ASSEMBLIES STC ratings for common wall assemblies

- 66** Double wood studs 16" o.c.; double layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 62** Double wood studs 16" o.c.; double layer 1/2" gypsum board one side, single layer other side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness 
- 61** Double wood studs 16" o.c.; single layer 1/2" gypsum board each side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness 
- 59** Double wood studs 16" o.c.; double layer 1/2" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick. 
- 58** Double wood studs 16" o.c.; single layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 58** Double wood studs 16" o.c.; single layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 58** Single wood studs 16" o.c.; resilient channel one side; double layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 56** Staggered wood studs 24" o.c.; double layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 54** Staggered wood studs 24" o.c.; double layer 5/8" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 54** Single wood studs 16" o.c.; resilient channel; single layer 5/8" type "x" gypsum board one side, double layer other side, Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 53** Staggered wood studs 16" o.c.; single layer 1/2" gypsum board each side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness 
- 52** Staggered wood studs 16" o.c.; single layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 1/2" thick 
- 51** Single wood studs 16" o.c.; resilient channel one side; single layer 5/8" type "x" gypsum board each side, Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 48** Single wood studs 16" o.c.; resilient channel one side; single layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 47** Single wood studs 16" o.c.; double layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 45** Single wood studs 16" o.c.; single layer 5/8" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 42** Single wood studs 16" o.c.; double layer 1/2" gypsum board one side, single layer 1/2" gypsum board other side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 
- 41** Single wood studs 16" o.c.; single layer 1/2" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 1/2" thick 