STC Ratings

STC Ratings of wall assemblies insulated with NU-WOOL®

PREMIUM CELLULOSE INSULATION
GREEN Since 1949

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.

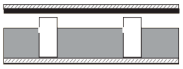
For more information, please contact the technical department of Nu-Wool Co., Inc. at 800.748.0128.

STC

60 Single steel studs 16" o.c.; resilient channel one side; double layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick.

58 Single steel studs 16" o.c.; resilient channel one side; double layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 ½" thick.

54 Single 6" studs 16" o.c.; resilient channel one side; one layer, ⅝" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ⅝" thick.

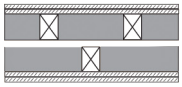


52 Single steel studs 16" o.c.; resilient channel one side; single layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 ½" thick.

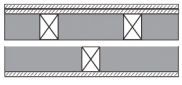
46 Single steel studs 16" o.c.; single layer ½" gypsum board each side; Nu-Wool® Premium Cellulose Insulation® 3 ½" thick.

WOOD STUD ASSEMBLIES
Nu-Wool proprietary firewall designs

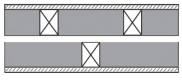
63 **U382:** Staggered wood studs 16" o.c.; double layer ⅝" type "C" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick



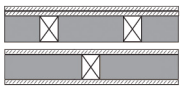
58 **U382:** Staggered wood studs 16" o.c.; double layer ⅝" type "C" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick



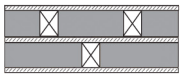
53 **U382:** Staggered wood studs 16" o.c.; single layer ⅝" type "C" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick



58 **U369:** Staggered wood studs 16" o.c.; double layer ⅝" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick.

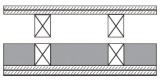


51 **U360:** Staggered wood studs 16" o.c.; single layer ⅝" type "x" gypsum board each side and between studs; Nu-Wool® Premium Cellulose Insulation 3 ½" thick

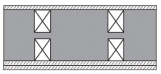


WOOD STUD ASSEMBLIES
STC ratings for common wall assemblies

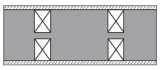
66 Double wood studs 16" o.c.; double layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick



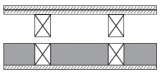
62 Double wood studs 16" o.c.; double layer ½" gypsum board one side, single layer other side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness



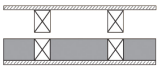
61 Double wood studs 16" o.c.; single layer ½" gypsum board each side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness



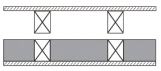
59 Double wood studs 16" o.c.; double layer ½" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick.



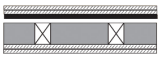
58 Double wood studs 16" o.c.; single layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick



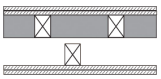
58 Double wood studs 16" o.c.; single layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick



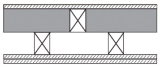
58 Single wood studs 16" o.c.; resilient channel one side; double layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick



56 Staggered wood studs 24" o.c.; double layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick

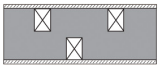


54 Staggered wood studs 24" o.c.; double layer ⅝" type "x" gypsum board one side, single layer other side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick

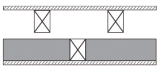


54 Single wood studs 16" o.c.; resilient channel; single layer ⅝" type "x" gypsum board one side, double layer other side, Nu-Wool® Premium Cellulose Insulation 3 ½" thick

53 Staggered wood studs 16" o.c.; single layer ½" gypsum board each side; both cavities Nu-Wool® Premium Cellulose Insulation to thickness



52 Staggered wood studs 16" o.c.; single layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation one side 3 ½" thick



51 Single wood studs 16" o.c.; resilient channel one side; single layer ⅝" type "x" gypsum board each side, Nu-Wool® Premium Cellulose Insulation 3 ½" thick

48 Single wood studs 16" o.c.; resilient channel one side; single layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick

47 Single wood studs 16" o.c.; double layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick

45 Single wood studs 16" o.c.; single layer ⅝" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick

42 Single wood studs 16" o.c.; double layer ½" gypsum board one side, single layer ½" gypsum board other side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick

41 Single wood studs 16" o.c.; single layer ½" type "x" gypsum board each side; Nu-Wool® Premium Cellulose Insulation 3 ½" thick