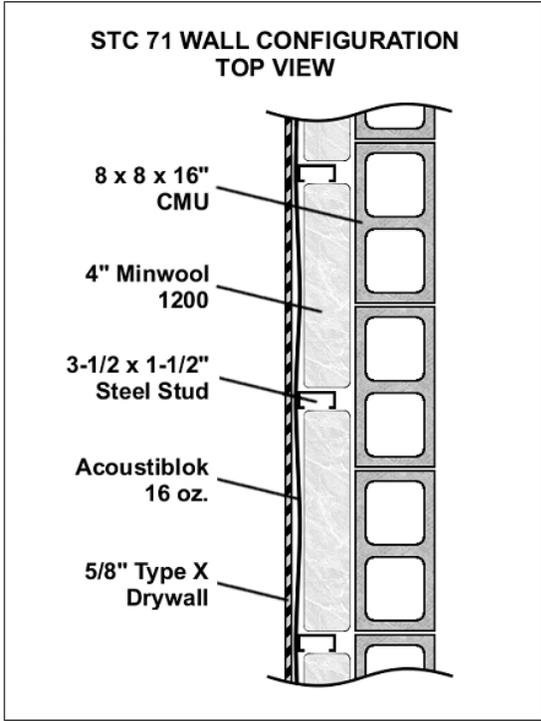




Superior STC Block Wall Configuration: Acoustical Data



The acoustical laboratory at Architectural Testing Inc. recorded a remarkable STC of 71 for this wall design. This is a noise reduction in excess of 98% to human hearing.

"Both the STC 71 and 85 ratings for Acoustiblok exceed the testing capabilities of most laboratories," - Kurt A. Golden, test administrator

The tested assembly: 8 x 16" concrete block, steel 2x4 studs spaced 1/2" from the block, with 4" Minwool insulation, and Acoustiblok under the drywall.

For applications where exceptional performance in sound isolation is a requirement, specify this Acoustiblok configuration as the most practical and economical option in the market.

SOUND TRANSMISSION CLASS is a single number that represents the sound blocking capacity of a partition such as a wall or ceiling.

STC numbers are often called out in architectural specifications, to assure that partitions will reduce noise levels adequately. For performance similar to laboratory test numbers, it is necessary to adhere closely to the construction materials and techniques used in the tested partition.

STC is calculated by comparing the actual sound loss measured when 18 test frequencies pass through a partition, with fixed values for each STC level. The highest STC curve that the measured sound loss numbers fit under, determines the STC rating of the tested partition.

