

STC Ratings & Product Comparison

What are STC Ratings?

An STC (Sound Transmission Class) rating is a single member rating that is used to specify and compare different partitions according to the reduction in noise levels that the partition provides.

As a general rule the higher the STC rating, the better the partition's acoustical performance.

| Description | Standard STC Rating | Acoustiblok STC Rating |
|--|------------------------------------|---|
| 2 x 4 Wood Stud Partition 5/8" Drywall 3" Fibreglass Insulation | STC 33 with 2 layers of drywall | STC 52 With 1 layer of drywall |
| 2 x 4 Steel Stud Partition 5/8" Drywall 3" Fibreglass Insulation | STC 43 With 2 layers of drywall | STC 53 With 1 layer of drywall |
| Staggered Stud Partition 5/8" Drywall 3" Fibreglass Insulation | STC 46 With 2 layers of drywall | STC 57 With 1 layer of drywall |

Product Comparison

| Description | Standard STC Rating |
|--|---------------------|
| HOMASOTE 2 x 4 Wood Stud Partition 5/8" Drywall 3" Fibreglass Insulation | STC 45 |
| CORK & CONCRETE 1 layer of Cork 8" Concrete Slab | STC 52 |
| FIBREGLASS INSULATION 2 x 4 Wood Stud Partition 2 layers 1/2 " Drywall 3 1/2" Fibreglass Insulation | STC 41 |