

## Mineral Fiber Acoustical Insulation

### Benefits:

- Specifically designed insulation for usage in acoustical applications
- Yields better bass trapping, overall absorption, thermal characteristics and sound transmission loss (*isolation*) than any other insulation product
- Cover with specialized acoustical cloth for a viable alternative to foam panels
- Mineral Fiber Insulation is considerably more dense than standard insulation



### Applications:

- Use in the construction of walls, floors and ceilings for added absorption and isolation
- Can be covered with acoustical cloth as an alternative to acoustic foam

### Size:

- 2' wide x 4' long x 2" thick, or
- 2' wide x 4' long x 4" thick

### Box Information

- (6) 2" panels per box (*covers 48 sq. ft.*)
- (3) 4" panels per box (*covers 24 sq. ft.*)

### General Information:

- Flame Retardancy: Class A
- Advantages vs. Std. Fiberglass:
 

- Lower moisture absorption	- Better sound isolation
- Lower flame spread and smoke density	- Better acoustic absorption
- 1200° burn point vs. 650°	- 8 lb/cubic ft density

### Accessory Products:

- SheetBlok Sound Barrier
- RC-8 Resilient Channel
- U-Boat Floor Beam Float Channels

### NRC:

- 1.00 (*both 2" and 4"*)

### NOTE:

- While 2" and 4" Auralex Mineral Fiber offer virtually the same absorption between 250Hz and 4KHz, 4" is dramatically more effective at 125Hz. While 2" offers a 125Hz absorption coefficient of .32, 4" offers an absorption coefficient of 1.11. It also bears mentioning that 4" Auralex Mineral Fiber will offer higher levels of STL (*Sound Transmission Loss*) than will 2" due to the increased mass 4" offers.