

## Product Specifications

- Dimension and Tolerance in accordance with IS 3308-1981.
- Acoustic Insulation
  - **ACUTEX™** Woodwool Acoustic Panel is highly resistant to sound transmission & hence helps in unwanted noise reductions. Its fibrous structure helps to absorb noises and echoes. It enhances personal comfort.
  - Sound Absorption Coefficient (NRC)
    - 0.69 NRC at 500 Hz.
    - 0.98 as Composite System.
- Moisture Resistant
  - **ACUTEX™** absorbs no moisture from air and retains its original strength. Dampness due to plastering dries out after a while. Hence **ACUTEX™** can be used in high humidity area near coastal lines and hills.
- Termite Resistant
  - **ACUTEX™** is highly resistant to termites, rot, white ants and fungus.
- Light Weight but high structural strength
  - **ACUTEX™** is lightweight because of large number of natural air spaces created due to fibrous structure due to use of fine quality woodwool and has great structural strength.
    - DENSITY: 400 kg/cu.m.
- Thermal Insulation
  - **ACUTEX™** has a very low thermal conductivity and provides high insulation against weather conditions & reduces the heat loss leading to power saving.
    - Thermal Conductivity: 0.08 W/mK.
- Fire Resistant
  - **ACUTEX™** Wood Wool Acoustic Panels are non inflammable & resistant to fire to a very high extent because of use of refractory magnesia & other chemicals.

## Standard Sizes and Densities

### Size of the Panel 1200mm x 600mm

Thickness (mm)	Density (kg/cu.mt)	Weight (kg.)
15	400	4.5
25	400	5.7
25	400	7.5
40	320	9.5
40	400	12.0
50	320	12.0
50	400	15.0
75	320	17.9
75	400	22.4

These panels are also available in sizes 600 mm x 600 mm in 15 mm, 20 mm, 25 mm, 40 mm, 50 mm, 75 mm thickness and size 2000 mm x 500 mm in 40 mm, 50 mm, 75 mm thickness.

### 3.Applications

#### ACUTEX™ Woodwool Acoustic Panel can be used in

##### Acoustic

1. Auditoriums
2. Broadcasting Studios
3. Class room, Library and Institute
4. Sound Barrier Wall
5. Recording Studios
6. Multiplexes and Theatres
7. Gymnasium and Swimming Pool
8. Board room, Conference room, Call centers
9. Restaurants
10. Airport, Metro Station, Railway Station and Bus Terminals

##### Non-Acoustic

1. Building Boards for permanent shuttering for concrete insulation.
2. Partition Board for Thermal insulation.
3. Building Board for Prefab Walls for use in low cost and affordable houses.

And also update client list on catalog home page:

1. L&T
  2. Mahatma Mandir, Gandhi Nagar
  3. Escorts Ltd,
  4. Ahluwalia contract Ltd.
  5. Satyawati College.
  6. Delhi University,
  7. Silver City multiplex
  8. pvs multiplex,
  9. Convergent LLC.
  10. Aadharshila Vidyapeeth,
  11. DLF,
  12. vidya mandir classes
  13. ALS institute, Delhi
  14. Jay Pee Group
  15. ACOP Ltd.
- and many more Known or unknown