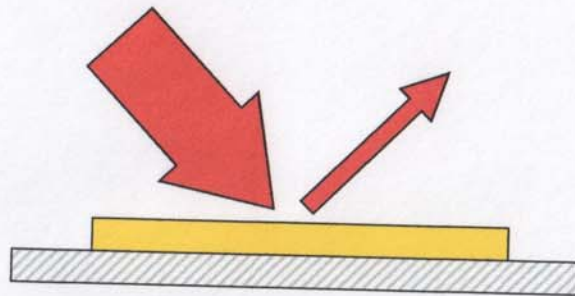
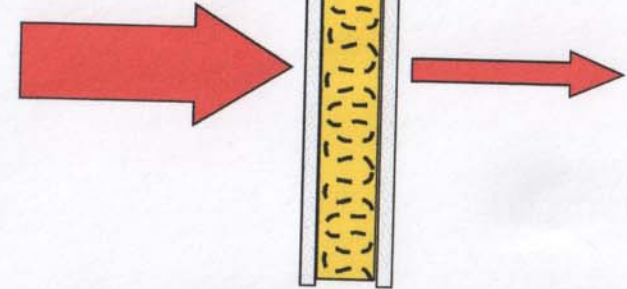


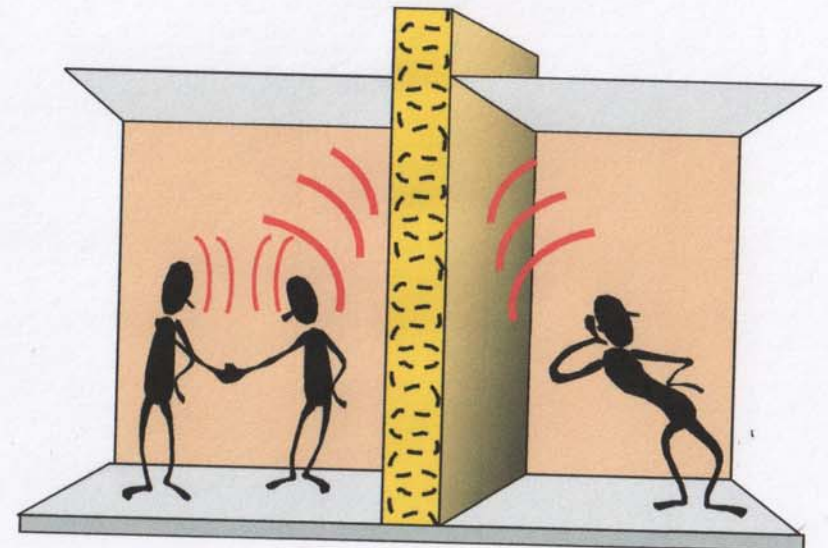
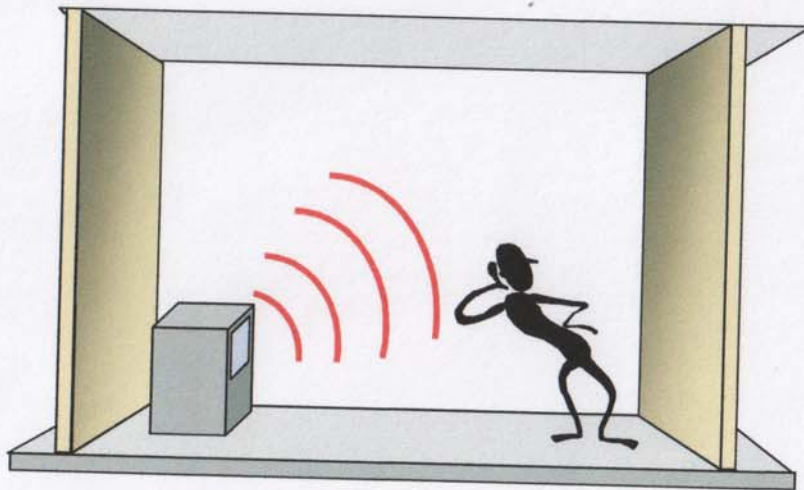
Sound Control Applications



Sound Absorption



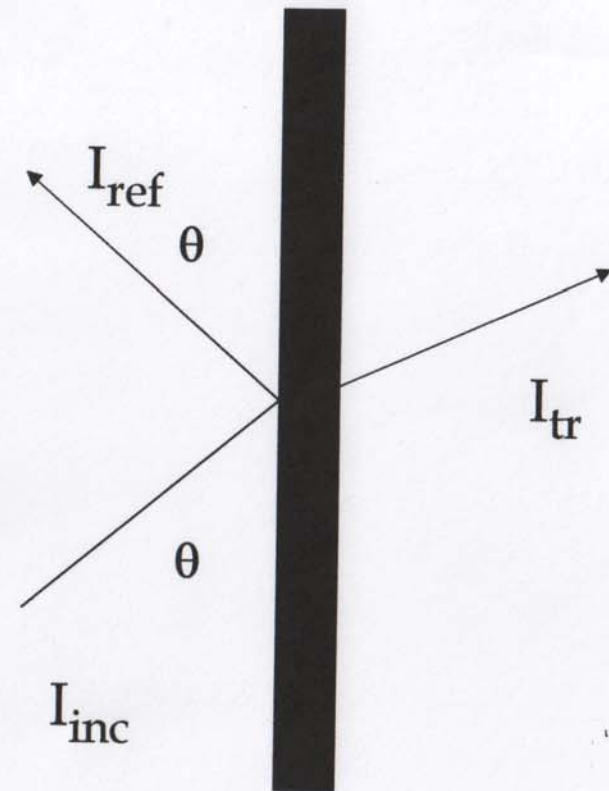
Sound Transmission



Sound Absorption Coefficient

- **Absorption Coefficient** is a measure of the energy not reflected from a surface
- **Absorption Coefficient**

$$\alpha(\theta) = (I_{\text{inc}} - I_{\text{ref}}) / I_{\text{inc}}$$



Absorption vs Frequency

