



PANLBILT STEEL & FOAM CEMENT PANELS COMPETITIVE ADVANTAGES

- **Rapid Assembly**
- **Withstands heavy rain**
- **Life Span: 50-70 years**
- **Fire Proof: A1 Level**
- **Main factors affecting actual energy performance of a building:
Thermal Conduction, Convection, Radiation & Mass**
 - **Thermal Conductivity: 0.1035 W/m.K**
 - (90mm thick wall has the same thermal conductivity as 350mm brick wall)
 - **Thermal Resistance: 0.869 m²·K/W**
 - **Outperforms framed buildings due to the combination of reduced conduction & convection plus high thermal mass**
- **Snow Resistance: Snow pressure 8.219 KN/m²**
- **Earthquake Resistance: Up to Richter 9**
- **Sound Insulation: 40 dB**
- **Wind Load: Wind speed up to 140 MPH**
- **Wall Shock Resistance: 500 KG concentrated force**
- **Built-in Electrical Wire & Water Conduits**