

GLASSWOOL INSULATION



Fiberglass is a blanket of glass fiber insulation with high grade thermal resistant material, made of glass fibers bonded with thermosetting resin into light-weight, soft and corrosion insulation. It has low weight by volume and low thermal conductivity, mainly used at ceiling and wall partition where sounds and temperature control is essential.

Product Properties:

| Properties | Specification | | | |
|---------------------------------|-------------------------------------|----------------------|----------------------|----------------------|
| Thermal conductivity | 64 kg/m ³ | 24 kg/m ³ | 32 kg/m ³ | 48 kg/m ³ |
| W/m.K | 0.038 | 0.035 | 0.033 | 0.032 |
| Temperature Range | Up to 233°C (450°F) | | | |
| Moisture sorption | 0.2% by Volume | | | |
| Surface burning characteristics | Flame spread 25, Smoke developed 50 | | | |
| Mold or Fungus growth | Will not support or promote | | | |

Product Benefits :

- Excellent thermal and acoustical properties
- Light weight and easy to installation on job site
- Non-combustible and fire-retardant
- Non water absorption (product)
- Very economical, especially when using thick layer of insulation
- Durable, life-time and termite proof
- Low allergen content with the ability to moderate temperature changes

