

## ROCKWOOL INSULATION

### APPLICATIONS

Acoustic Insulation: Due to the spaces between the fibres and its porous, open structure, ROCKWOOL stone wool provides good sound absorption and reduces noise vibrations.

Thermal Insulation: ROCKWOOL stone wool achieves its insulating properties by 'capturing' the air between the fibres so that virtually no convection takes place.

### **TYPICAL APPLICATIONS:**

- Fire safe insulation
- Thermal insulation
- Acoustic insulation
- Comfort insulation

### ADVANTAGES

- Protects equipment and internal structures against the effects of fire
- Increases resistance to fire in many application
- Slows down heat transfer
- Its fibrous structure can withstand temperatures up to 1000 C
- Can be laminated to other insulation products to create a very effective composite insulation material.
- To enhance performance Rockwool can be supplied with Sonic Liner, Scrim Foil or Open and closed cell foam.

### PHYSICAL PROPERTIES

- Rockwool comes in both boards and mattresses in various sizes. Rockwool insulation can be custom cut to customer requirements.
- Standard Sheet sizes
  - 1200 x 5000 x 50mm (Mattresses)

