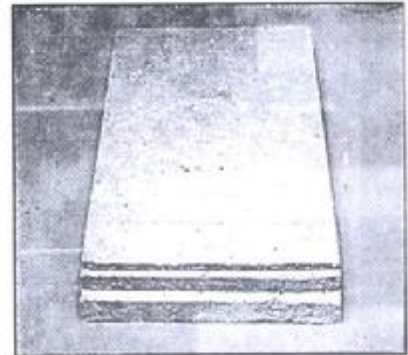


# MINROCK

## Resin Bonded Slabs

### Product Description

Minrock rockwool slabs consist of long fine fibres spun from molten natural rock and bonded with a thermosetting resin. Minrock slabs have the best combination of thermal insulation and fire protection properties.



Minrock slabs conforming to IS-8183

### Applications

Minrock slabs are used for both hot and cold insulation to conserve energy. Lower density materials are used for building applications like underdeck insulation, wall insulation and sound proofing of partitions

and over false-ceilings, airconditioning duct insulation & chimney insulation. Higher density materials are used for high temperature applications like furnaces, ovens, autoclaves, kilns, etc.

### Standard Size and Packing

Size of Slabs  
Thickness  
Density (Kg/Cu.m)  
Packing  
\* Slabs also available in size  
4'x2'<sup>1/2</sup> ( 1220 mm x 760 mm)

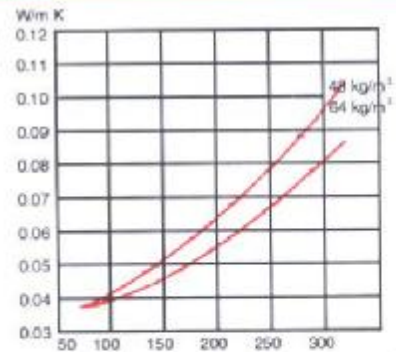
1000 mm x 500 mm  
25, 40, 50, 65, 75, 100mm  
48, 64, 96, 144  
Polythene bonded hessian

### Maximum Service Temperature

Upto 750°C

### Thermal Conductivity

Thermal conductivity varies with the temperature and density of insulation as shown in fig.



Thermal Conductivity (W/m.K) x Mean Temperature (°C)

# MINROCK

## Sound Absorption

Minrock slabs provide excellent acoustical absorption and noise reduction co-efficient. Due to high noise reduction co-efficient, they are used in acoustic insulation work for

auditoria, theatres, public places and industrial areas where noise reduction is required.

## Fire Resistance

Minrock slabs are incombustible and resist the spread of flame. They can withstand fire

exposure temperatures and hence can be used for fire proofing.

## Compression Resistance

Minrock slabs are highly resilient and easily regain their nominal thickness after

the removal of normal compressive load.

## Moisture Resistance

Minrock slabs are moisture resistant. Should the slabs become wet, full thermal

efficiency will be restored after drying out the moisture.

## Corrosion Resistance

Minrock slabs will not cause, initiate or promote corrosion.



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