



ASSOCIATED INDUSTRIAL CONCERN



Rockwool Lightly Resin bonded mattresses:

Rockwool Lightly Resin bonded mattresses: Rockwool mattress is lightly resin bonded mineral fibers faced one side with hexagonal galvanized or stainless steel wire netting. It is a flexible material having firm structure reinforced due to wire mesh. It is noncombustible in nature.

Characteristics :

Densities (Kg/M3)	70-160
Dimensions	1.22 Mts W , 1.52/1.64 /3-5 Mts L
Thicknesses in (mm)	25,40,60,50,75,100
TEMPERATURE RANGE	Up to 750 Deg C
Fire Properties	Fire Retardant
Combustibility	Non Combustible
Thermal Conductivity	0.037 W/m.k
Linear Shrinkage	Less than 1%
Standard IS	- 8183
Flexibility	Flexible

Application :

It is specially design for thermal Insulation of .

- Vessels
- Towers of Chemical Process plants
- Steam Turbines
- Boilers
- Storage tank
- Pipeline



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Advantages :

- Excellent thermal conductivity, acoustic and fire properties ☑
- Resistance to high temperature ☑
- Flexible and easy to wrap around cylindrical and odd dimension equipments ☑
- Free from HFC's and other blowing gases ☑
- Chemically inert ☑
- Recyclable ☑
- Non hygroscopic ☑
- Dimensionally stable ☑
- Tolerates surface irregularities and knits together to eliminate gaps ☑
- Non combustible