

Insulation for "STEAM CURING CHAMBERS"



PROVIDE ENERGY SAVING SOLUTIONS

Thermal Insulation Industries is engaged in manufacturing of High Temperature Thermal insulation boards (Non-Asbestos) like SINDHANIO-350, SINDHANIO-550, THERMO LIGHT & THERMO IMPACT. These boards are made using cement, Fibers & Mineral materials & have high mechanical strength with good insulation property.

Our company is based at Vadodara (Gujarat, India).

Our product "THERMO LIGHT" is best suited as Insulation for "STEAM CURING CHAMBERS"

THERMO LIGHT boards are made using Calcium silicate & high performance minerals. These sheets are capable to withstand 600 deg. centi (Continuous) & exhibits excellent thermal shock resistance.

Now a days, new concept of using structural insulation boards like "Thermo light" is in practice for constructing Steam Curing Chambers. Steam Curing Chamber walls made from Thermo Light boards absorb very less amount of heat so that the overall consumption of Fuel (Oil, Coal, Electricity, etc.) becomes less. Due to very low thermal conductivity of these boards, process temperature is maintained intake.

STEAM CURING CHAMBERS FOR "RAILWAY CONCRETE SLEEPERS"

Now a days, For Fuel savings up to 50% & more, Prestressed Concrete sleeper manufacturers in India use Steam Curing Chambers made from High Insulation boards like "THERMO LIGHT" instead of traditional Steam curing chambers made from cement-concrete mix. Compared to cement-concrete walls, Thermo light walls absorb seven times less heat.

- ❖ We can provide Technical help in constructing new steam curing chambers as well as modifying Old chambers by sticking our Thermo Light boards on cement concrete walls.

“THERMO LIGHT” has got good mechanical strength along with very high insulation property.

ADVANTAGES OF “TERMO LIGHT” INSULATION:-

- Prevents heat Losses from Inside of the chambers towards surrounding Environment.
- Amount of Heat absorbed by Walls is very Less.
- High Energy Saving due to very low thermal conductivity—0.25 W/m-deg k
- Keeps working environment comfortable.
- Thermo light boards are machinable-Drilling, turning, Milling is possible.

APLICATIONS OF “TERMO LIGHT” INSULATION:-

- Steam Curing Chambers
- Powder coating ovens
- Paint booths
- Textile drying Ovens
- Curing & Baking ovens

Standard Sheet sizes available :- Thickness:- 25, 30, 32, 40, 50, 75 mm
Dimensions Of Sheet : 1050 mm(42”) x 1200 mm(48”)