

## BACK-UP INSULATION FOR FURNACES



## 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 for BACK-UP INSULATION FOR FURNACES.**

The Furnace operations involve very high temperature around 1000-1200 deg.centi. Inside of the furnaces is covered with Refractory ceramics bricks. These bricks bring down the temperature from 1200 deg.centi (Inner) to 300 deg.centi (outer). This is also high temperature. Due to such a high temperature, the surrounding environment becomes too hot & very uncomfortable for the people to work. To overcome such problem, Good Insulation like "Thermo light" boards are best suited as back-up insulation after ceramics bricks.

The lining of Thermo Light boards on outer side further reduces temperature from 300 deg.centi to around 60 deg.centi. High amount of energy saving is achieved by back-up Insulation.

As the ThermoLight boards are calcium silicate base, they can not be used on inner side where temperature is 1200 deg.centi.

"THERMO LIGHT" board is light weight with very high insulation property.

### ADVANTAGES OF "THERMO LIGHT" INSULATION:-

- Minimizes heat Losses from ceramics bricks towards surrounding environment.
- Provides control over process temperature
- Energy Saving
- Keeps working environment comfortable
- **Standard Sheet sizes available :-** Thickness:- 25, 30, 32, 40, 50, 75 mm