

# **HYSIL**

## **Insulation Blocks and Pipe Coverings**

### **HYDERABAD INDUSTRIES LIMITED,**

Run by a team of dedicated profession has grown from a pioneer to an organization occupying an eminent position in the industrial sence of india . The Company has the backing o the vast and varied experience and expertise both organisational and technical Of one of the largest business house of India.

HYSIL, a new generation calcium silicate based thermal insulation was started in 1979. over a decade of intensive research field experience and continuously improving manufacturing skills have given HIL an envied position in the Industrial Insulation field today. HIL is equipped to serve the requirement of Insulation world backed by a R&D lab fully equipped with pilot plant and testing equipments.

HYSIL is manufactured under technical knowhow obtained from Cape Insulation of U.K. It provided for the first time in India Thermal Insulation blocks and Pipe Converings of quality equivalent to the best in the world and conforming to international standards.

#### General Description

HYSIL. Insulation Blocks and Pipe Coverings are made from Hydrated Calcium Silicate reinforced with non-asbestos fibres. It is a rigid material with high compressive strength and low shrinkage at high temperature. Also the material ha very low thermal conductivity. The large Blocks and Pipe Covering can be easily cut and shaped at site carpenter's tools.

#### Advantages

- Reduced fuel cost due to low thermal conductivity andlow thermal capacity.
- Consistent physio-thermal performance throughout its life.
- Reduced heat loss due to fewer joints.
- Longer life of 3 to 4 times the fibrous material due to high strength and resistance to vibrations.
- Zero maintenance for entire life of over 25 year.
- Economical as compared to conventional insulation.
- Can absorb thermal shocks.
- Physiothermal properties remain unaffected after repeated water wetting & subsequent drying.

#### Product Data

Grades available:

HYSIL – 1000

HYSIL - 800

Blocks

Standard Size : 900x600mm

900x300mm

900x150mm

600x150mm

Thickness: 25, 40, 50, 65 & 75mm

Special size and Thickness available on request.

Performed, Rigid Pipe Covering's

To suit pipe NB 12.7 mm (1/2") to cylindrical vessels of size 914.4mm (36").

Pipe covering in two half Sections. Radlus beveled Lags Curved Segments/and Bevelled Lags (sidearch type).

Standard length = 900mm

Thickness = 50 and 75mm

Other thickness available on request.