

USE SONASIL - SAVE ENERGY

CALCIUM SILICATE THERMAL INSULATION

Slabs, Lags, Bricks, Pipes & Powder up to 1000 °C

SONASIL is reacted Hydrated Calcium Silicate containing reinforcing fibres (non-asbestos). It offers thermal efficiency of flexible insulation like Mineral wool and strength of conventional Insulation Bricks.

SONASIL Pipes are ideal replacement for fibrous insulation and are un-matched in places where insulation is exposed to water, foot traffic, impact loads, etc.

SONASIL meets :

- I.S. 8154 & 9428
- Relevant Naval Specifications
- ASTM C 533 - 90
- B.S. 3958 Part II

ADVANTAGES :

- Low Thermal Conductivity
- Rigid & Light Weight (Density 250 Kg. / M³)
- Good Mechanical Strength (Above 10 Kg. / Cm²)
- Fire Resistant
- Low Shrinkage
- Low specific Heat
- Non Combustible & Non Corrosive
- Low Maintenance Cost
- Re-usable & Long Life
- Easily Workable (cuts easily)

APPLICATIONS in various industries :

- **Cement** : Preheaters/Precalciners, Coolers, TAD, etc.
- **Aluminium** : Reduction pots, Other Thermal Process Equipment
- **Glass** : Furnace, Recuperators, Annealing Lehrs, etc.
- **Steel** : Various types of furnaces as refractory back-up
- **Power Plants** : Boilers, Steam Lines, Recuperators, etc.
- **Fertilizers/ Petrochemicals & Refineries** : High Temp. Equipments, Hot Gas & Chemical lines, etc.
- **Ceramics** : Tunnel Kilns
- **Ship Building** : Boilers, Turbines, Steam lines, Flue Gas ducts, etc.
- **Chemicals** : Boilers, High Temperature Reactors, Flue Gas ducts, Steam / Thermic Fluid lines, Dryers, Furnaces, etc.

- Significant fuel savings can be obtained in Sugar, Foundries, Rolling Mills, etc. industries who use thermal equipments at high temperature.
- As a thumb rule, wherever refractory bricks are being used, Sonasil CSI should be used as a back up layer.

CUSTOMER LIST :

A.C.C.
Alembic Glass
Ambuja Cements
Atul Chemicals
B. H. E. L.
Century & Maihar Cement
Chittor Cement
Deccan Cement
Digvijay Cement
Elecfurn, **Newzealand**
Essar Gujarat
Garden Reach Shipbuilders
Grasim Industries : Aditya,
Dharni, Rajashree, Vikram
Gujarat Sidhee Cement
Hindalco Industries
India Cements
Indian Rayon & Industries
Indo Asahi Glass
ISGEC
Jaypee Bela / Rewa Cements
J. K. Udaipur Udyog
J. K. White Cement
Karnataka Power Corporation
Kalpana Steel Rolling Mill
L & T : Awarpur, Hirmi, Rajula
Tadpatri & ECC
Mahalaxmi Glass Works
Mangalam Cement
Manikgarh Cement
Mazgaon Dock
M. D. Steel
Mysore Cement
Nagarjuna Cement
NAVY
Neer Shree Cement
Neyveli Lignite Corporation
Nirma
Priyadarshini Cement
SAIL : Bhilai & Bokaro Plants
Saint Gobain Glass India Ltd.
Saurashtra Cement
Shree Cement / Raj Cement
Shri Natraj Ceramics
Shreeram Fertilizers & Chemicals
Steelcast
Tata Sponge Iron
Vasavadatta Cement
V.R.W. Refractories
Visaka Cement & Others
reflecting our commitment to
Quality & Service.



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