

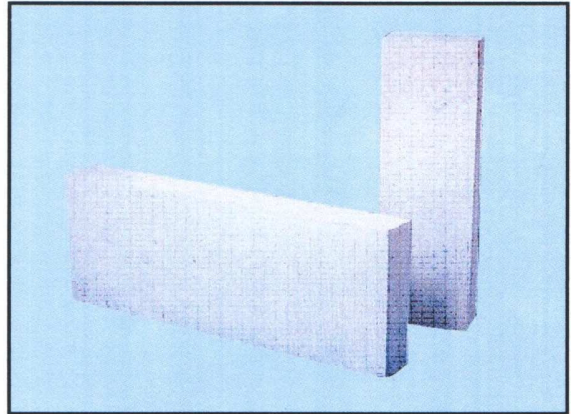
CALCIUM SILICATE BOARD

PRODUCT INFORMATION

Calcium Silicate are pre-moulded thermal insulation products composed of hydrated xonolite crystals and supplemented by non-asbestos fibers as binder. The material is specially developed to provide effective and economical thermal insulation and fire proofing for a wide range of piping and equipment applications. Calcium Silicate are widely applied in chemical processing plants, petroleum refineries, power stations, shipbuildings and other industrial installation, where heat energy saving is of vital necessity.

Product Features

- Light-weight
- Incombustible
- Low thermal conductivity
- Excellent heat resistance
- High service temperature
- Good workability
- Dimensionally stable



Physical Properties

Nominal Density	kg/m ³	250
Classification Temperature	°C	1000
Thermal Conductivity at mean temperature	Kcal/mh°C	0.058
Colour		White
Alkalinity		Approx. 12
Linear Shrinkage at 1000°C, 12 hr.	%	<2.0.
Fire Performance	BS 476 Part 4	Non-combustible
Flexural Strength	Mpa	≥0.6
Chemical Analysis		
CaO	%	43
SiO ₂		47
GV/LOI		8

Standard Dimension

Type	Length	Width	Thickness
Board	1000mm	500mm	25mm - 100mm