

Calcium Silicate Insulation Board Manufacturing Business.

Calcium Silicate Board Production.

Description:

Calcium silicate board is an asbestos-free thermal insulation product that can withstand continuous high operating temperatures. It is a light weight, low thermal conductive, high strength, easy to install, reliable and durable product. Industrial grade piping and equipment insulation is often fabricated from calcium silicate. It is a white free-flowing powder obtained by reacting calcium oxide and silica. It has a low bulk density and high physical water absorption.

Calcium Silicate Boards are manufactured from a mixture of Portland cement, fine silica, special cellulose fibers and selected fillers to impart durability, toughness and moisture resistance. Calcium Silicate Sheet is then cured by an autoclaving process whereby the ingredients are reacted together under heated steam and high pressure.

Calcium Silicate Insulation Board is a medium density fiber reinforced calcium silicate board which has been formulated without inorganic fiber. Available in a standard 10mm thickness, it is off-white in Colour and has a smooth surface on the front face and textured on the reverse. The smooth face is for painting and the textured for thin coat polymeric renders. It is pre-treated with a silicone water repellent on both faces. This reduces water uptake and enhances the compatibility with the coating system and may eliminate the need for further priming.

Calcium Silicate Board applications

- For external walls & ceilings,
- For internal walls, partitions and ceilings,
- As a sub-roof board, As the underlay board for floor and wall tiling,
- For decorative applications, as a fire protective solution.

Calcium silicate boards are white, non-asbestos, high temperature structural insulating boards that exhibit good thermal shock resistance and stability, consistently low thermal conductivity, high structural strength at elevated temperatures, incombustibility, electrical insulating properties when dry, excellent machinability, insolubility in water, and non-corroding properties.

For more details download PDF File.

Keywords: Calcium Silicate Insulation Board Production Project, Manufacturing of Calcium Silicate Board, Production of Calcium Silicate Board, Manufacture of Calcium Silicate Insulating Board, Calcium Silicate Board Production, How to Produce Calcium Silicate Board, Manufacturing Process of Calcium Silicate Insulation Board, Calcium Silicate Insulation Board, Calcium Silicate Board Manufacturing Factory, Insulation Board Manufacture, Process for Manufacturing Insulation Board, Insulation Board Manufacturi

Created At: 18 Nov, 2017