

CALCIUM SILICATE INSULATION



It is the microcellular structured inorganic rigid and super-light heat insulation material mainly composed of inorganic siliceous and calcium and made by special technology such as the hydrothermal reaction under high temperature and high pressure etc. And it is the national inspection-free product that has firstly won the ISO9001 certification in the same industry. It can still maintain the high insulating effect at 650°C and is advantageous in the stability of coping with temperature changes.

Advantages :

Asbestos Free	Made from algous fossil from hundred of millions of years ago, the product is entirely asbestos-free and non-poisonous to human body.
Superior Strength	With similar density, the strength of this material is the highest among all the inorganic rigid insulation materials with better compressive performance and is not easy to bend, compared with ASC CS170, ASC CS220 product has better physical strength.
Good Anti-corrosion	The super low chloride ion content and alkalescence have good protection for metal pipes, which greatly prolongs the service life of pipes and equipment and greatly reduces maintenance cost, bringing lasting protection and better durability
Wonderful Non-combustibility	The product passed the EC certificate test by Germanicher Lloyd and has been indentified as non-combustible material. It also passed the test by National Center for Quality Supervision and Testing of Fire Building Materials which indentifies it as Grade A1 incombustible material.
Good Stability	Long time soaking in water will not lead to pulverization. Various performance remains stable after drying
Excellent Soundproofing Performance	Great soundproofing effectively reduces industrial noises.

