

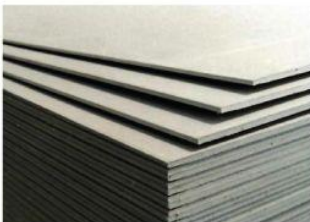
CALCIUM SILICATE BOARD / FIBER CEMENT BOARD

Main Characteristics

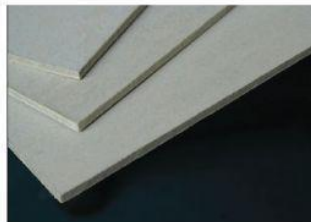
- 1. Fire resistant** It is flame resistant to combustion at 800°C and remains flameless at 1200°C.
Non-flammability: Grade A
- 2. Weather resistant** Resistant to deformation in wet, hot and dry conditions.
It can be used at -40°C
Out of shape rate in the condition of wet or dry is 0.26%.
- 3. Water and Damp Proof** The board still keeps Intact after being soaked in water for one month, the phenomenon of swelling and out of shape will not happen.
It will NOT disintegrate when immersed in water or exposed to freeze/thaw cycles for prolonged periods of time.
- 4. Bug & Mildew free** After tests under ASTM G-21, this board has been found to be Non-nutrient to mold, fungus growth or insect life.
- 5. Insulation** After inspection by the National Center for Quality Supervision and Testing of Fire Building Materials (NFTC), it has been found that the superior sound insulation factor of a wall built from the board ranges between 44db and 47 db.
In addition to being a great sound insulator, this board benefits from having a low thermal conductivity of 0.216 w/mk which makes it a superior heat insulator.
- 6. Environmentally Friendly** This environmentally friendly board is manufactured from a unique blend of mineral components, and does NOT contain any toxic ingredients, asbestoes, formaldehyde or ammonia.

Product Name	Calcium Silicate Board	Fiber Cement Board
Raw Material	minerals, cement, quartz, fiber	
Appearance	light yellow	gray
Density	≥ 1.10g/cm ³	≥ 1.20g/cm ³
Moisture Content	≤ 12%	≤ 10%
Water Absorbing Capacity	≤ 60%	≤ 55%
Thermal Conductivity	Average ≤ 0.20W/MK	Average ≤ 0.20W/MK
Bending Strength	Transverse ≥ 8.5N/mm ³ Vertical ≥ 6.0N/mm ³	Transverse ≥ 11.0N/mm ³ Vertical ≥ 8.5N/mm ³
Radioactivity	Conforming to GB6566-2001 A Class	Conforming to GB6566-2001 A Class
Fire Resistance	Incombustibility A Class(GB8624-A)	Incombustibility A Class(GB8624-A)
Packing	Wooden Pallet	Wooden Pallet
Frost Resistance	No Fracture after 25 times of freeze and melt cycle test	
Asbestos Content	100% No Asbestos	100% No Asbestos
Formaldehyde content	100% No Formaldehyde	100% No Formaldehyde
Application	Partition, Interior, Interval, Baseboard, Liner	Partition, Interior, Interval, Baseboard, Wall

Type of Product	Specification	Weight(kg/m ²)	Type of Product	Specification	Weight(kg/m ²)
Calcium Silicate Board	7x2440x1220	8	Fiber Cement Board	6x2440x1220	8
	8x2440x1220	9		7x2440x1220	9.5
	9x2440x1220	10		8x2440x1220	10.5
	10x2440x1220	11		9x2440x1220	12
	12x2440x1220	14		10x2440x1220	13
				12x2440x1220	16



Calcium Silicate Board



Fiber Cement Board 1



Fiber Cement Board 2