



Calcium Silicate Board

Product Information

UEC Calcium Silicate Board is a multifunctional and lightweight non-asbestos board with excellent quality. Consisting of calcium silicate and other inorganic materials, the board is reinforced with cellulose fibre to maintain structure integrity. Using leading edge technology, the boards are manufactured in a high pressure and temperature environment. This autoclave process produces durable yet light boards, ensuring high workability.

The board also offers high versatility as its smooth surface can be used with wallpaper, tiles, mosaic, emulsion paint and other laminate materials.

Properties

Fire Performance

Non-combustible – comply to building authority fire code.
Tested in accordance with BS 476 part 4 “Fire Test on building materials and structures non-combustibility test for materials”

Moisture Resistance (MR)

UEC Calcium Silicate Board is resistant to moisture and will not degrade or distort when exposed to damp or humid conditions. Can be used in highly humidity areas.

SGBC Green Label Certified

UEC Calcium silicate board is SGBC certified to be a green label product with “Very Good” rating. Its manufacturing process and materials used have all been taken into considerations to make the world a better and greener place to live in.

High Workability

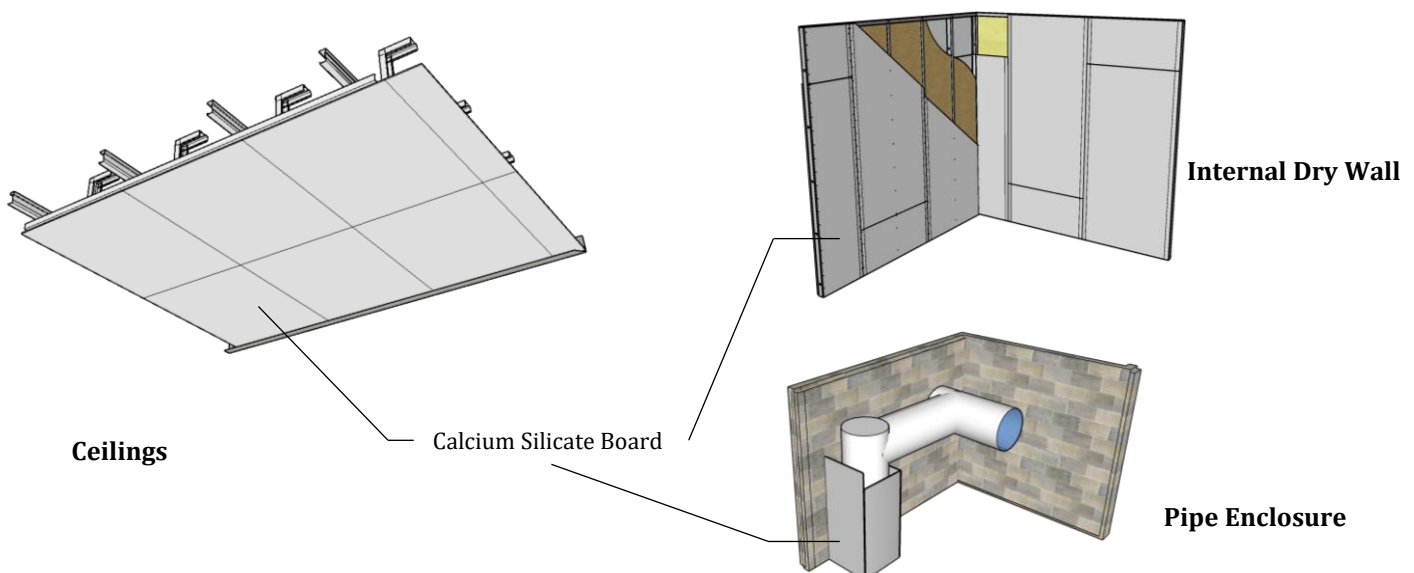
UEC Calcium Silicate Board is specially manufactured to the appropriate strength and flexibility to provide ease of installation for various uses. It can be easily handled (cut, nail, drill or screw) using simple tools.

Asbestos and Formaldehyde Free

Tested and certified to be free from hazardous chemicals and substances such as asbestos and formaldehyde.

Application

Due to its stability, **UEC Calcium Silicate Board** is ideal for wall linings, internal drywall systems, and internal and semi-exposed ceilings. Other applications such as enclosing of pipes and gutters are suitable.



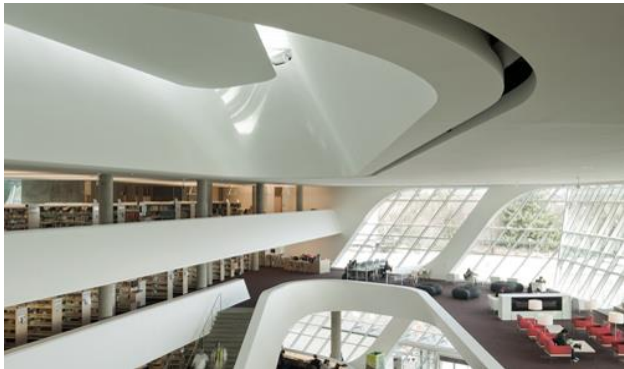
Standard Sizes

Density	1000 - 1200 kg/m ³
Size (W x L)	1220mm x 2440mm
Thickness	6mm, 9mm, 12mm

* White painted finish available in other sizes.

Technical Data

Properties		Test Results
Fire Performance	BS 476 part 4	Non-Combustible
Bending Strength	ASTM C1185-08	10.5 MPa
Moisture Movement	ASTM C1185-08	0.06 %
Linear Moisture Movement	ASTM C1185-08	0.04 %
Moisture Content	ASTM C1185-08	5 %
Alkalinity		7-10 pH
Surface		Suitable for painting, tiles, mosaic, wallpaper and texture coating



Above information is based on test results in laboratories and serves to provide a general information guide. On-site performance is dependent on various factors such as application method and field conditions. The manufacturer will not be liable for any direct or indirect issues that arise from inappropriate usage of the product or when the product is not used accordingly. User should familiarise with the product through the information guide and is responsible for making sure the product is suitable of its intended use.