

## About Fibre Cement and its use

Few building materials offer a combination of architectural scope and strong technical specification as convincing as fibre cement cladding and roofing.

Fibre cement combines strength with ease of handling and stylish versatile colour options.

Fibre cement gains its impressive strength in a special manufacturing process where thin layers of fibre cement are laminated and compressed under high pressure followed by air curing or autoclave curing.

A major advantage of fibre cement is its ability to resist all kinds of weather conditions. Frost and thaw, heat, hail or rain do not pose a threat to fibre cement. Inside buildings fibre cement is applied as backer board in wet areas or for dry walls in heavy duty applications where fire resistance and strength are the dominant requirements.

Architects love fibre cement, elegantly finished with a wide range of colours to select from. Sheets are easy to install and can be cut to any required dimensions or edge details.

In the following pages detailed information on fibre cement and its application as well as the production process can be found.



### Strength

to sustain load and impact



### Fire proof

persistent against fire, heat and chemical attack



### Sound proof

applications for better acoustics



### Water resistant

ideal for wet applications



### Easy to work with

can be sawn, drilled or nailed like wood



### Frost resistant

can be applied during frost period



### Environmentally friendly

natural raw materials and efficient production processes



### Affordable

best value for money





**Colourful façades with highly compressed fibre cement sheets**  
*(Sheets have been produced by Minerit/Cembrit based on air-curing technology)*

## FIBRE CEMENT SHEETS

### A wide Range of Products and Applications

Fibre Cement Sheets are used for residential, industrial and agricultural applications. Its appearance and advantageous characteristics make it the ideal material for the following applications:

#### External Cladding / Façades / Fencing

**Flat sheets** in various sizes and colours (coated, pigmented or painted), as lap siding or planks, preferably with timber pattern have conquered many markets.

Applications:

- façades
- cladding / siding
- ridges, eaves and soffits
- fencing
- base for plaster / stucco

#### Façades

Façade sheets are a durable alternative to stucco and

- can be applied even during heavy frost when stucco cannot be applied
- can cover and protect exterior wall insulation
- are used for exterior wall cladding of cottages and townhouses, beautiful (naturally looking) wood grain planks (sidings) and provide architectural beauty

For the surface treatment of fibre cement, many options and colours are applicable.



Weatherproof fencing



Siding products with wood grain or plain



Architectural beauty with weather proof fibre cement sheets

## Internal Cladding



**Dry walls on metal studs**

Flat sheets which offer unsurpassed properties in fire resistance, dimensional stability, water resistance and acoustical properties can be used in a wide variety of different applications.

Applications:

- internal lining in wet areas
- perfect base for ceramic wall tiles (backer boards)
- partitions
- fire resistance application in hospitals or kindergarden
- floors and ceilings



**Easy installation of fibre cement façades**

Fibre cement allows water diffusion in both directions. Water can be absorbed and easily be released. This results in convenient climatic conditions inside buildings.

**Fibre cement is the ideal choice in wet areas like bathrooms or even swimming pools**



**Backer boards for demanding applications**

Corrugated roofing sheets for agricultural applications



## Roofing and Façades



Fibre cement has been used as a roofing material for decades. Here small sized **shingles/slates** and **corrugated sheets** have proven to be the best choice. Different sizes and colours to meet the many individual requirements can be found in the market.

### Products:

- shingles/slates, mostly highly compressed and painted, stand for architectural beauty
- corrugated sheets, painted in numerous colours, may be used for external cladding or fencing applications



Highly compressed slates and shingles for beautiful roofs or façades