

## Technical Snapshot

### Technical Properties

EcoPro fiber cement flat sheet conforms to IS 14862:2000 type B category 3 and ISO 8336:2009



Characteristics	Specifications
Weight (nominal)	*1.5 kg/mm/m <sup>2</sup>
Density (ambient to saturation)	> 1300 kg/m <sup>3</sup>
Modulus of Rupture (average) (ambient condition)	> 10 MPa
Moisture movement	0.04 %
Inter lamina bonding	1 MPa
Water absorption (ambient to saturation)	< 30 %
Freeze thaw	"Pass" in 50 cycle
Tensile strength	> 6.0 MPa
Compressive strength	> 30 MPa
Soak dry	"Pass" after 25 cycle
Warm water	"Pass" after continue test up to 56 days
Thermal conductivity	0.19 w/mk
Sound insulation	26 db for 6 mm 35 db with 50 mm mineral wool 44 db with 100 mm mineral wool
Non-combustibility	Non-combustible
Ignitability	Class "P" not easily ignitable
Fire propagation index	0.1
Surface spread of flame	Class -1
Screw withdrawal strength	100 N/mm
pH	9-11

### Workability with EcoPro Boards

- EcoPro boards can be cut using a carpenter's hand saw or an electrically operated circular saw.
- An electric hand drill can be used for drilling holes.
- The usual carpentry tools can be used to work with EcoPro boards.

### Dimensions (board sizes in mm)

1830 x 1220	2440 x 1220
3050 x 1220	2400 x 1200

### Thicknesses (in mm)

4,5,6,8,9,10,12,14,15,16,18,20,22,24

Appl.	Reco. thickness in mm
	4 5 6 8 9 10 12 14 16 18 20 22 24
F Ceiling	6 8
FCT Grid	4 5 6
Partition	8 9 10 12
Wall Lining	8 9 10 12
Mezz Floor	18 20 22 24
Prefabs	8 9 10 12 14 16 18 20 22 24

\*Some variation in weight is expected depending on atmospheric humidity.

Light Weight	Fits any Edge, Corner	Heat & Fire Resistant	High Impact	Moisture Resistant	Termite Resistant	Asbestos Free	Cool, Comfortable Living



Call us on:  
020 26444 625/26/27

**Ecopro lives in the heart of green. And we are sure even you do.**  
**Just contact us and we'll together do some wonderful things with EcoPro.**

An ISO 9001, EMS 14001 & BS OHSAS 18001 Certified Company

A quality brand from



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EcoPro does everything you want it to do. And more.



**ECO PRO**  
MULTI-USE FIBRE CEMENT SHEETS



**EcoPro offers incredible versatility in mass application.**

**EcoPro [Fins]**  
Now no more ugly ducts and vents in the building. Cover them with EcoPro plus get excellent ventilation.



**EcoPro [Roof Underlay]**  
It solves leakage problems and cuts down noise from heavy rains. It's also dust free.



**EcoPro [Ceilings]**  
EcoPro conceals wiring or AC pipes, enhances aesthetics and is a quick and easy option.



**EcoPro [Acoustix]**  
Amplifying sound in a classroom or cutting out sound in a recording studio, EcoAcoustix offers unbelievable audio solutions.



**EcoPro [Kitchens]**  
Kitchen ottas made from EcoPro both, look good and offer great savings. No need for expensive cudappa.



Years of research. Years of testing against all conditions. Years of creating amazing innovation and flexibility.

And finally, the Sahyadri Solutions and Innovation Lab is ready for a new launch.

**Probably the most versatile building material known to man.**

**Introducing EcoPro multi-use cement sheets from SSIL.**

And here's the proof!

**Durability? Proof Hai!**

- Termite Resistant.
- Water Resistant.
- Fire Resistant.
- Soundproof.
- High Load Bearing Capacity.

**Enhances Aesthetics? Proof Hai!**

Conceals ducts, vents, wiring, plumbing and pipes.  
CNC cut sheets specially designed for aesthetic appeal.

**Cost effective and Economical? Proof Hai!**

Quick + easy installation and removal.  
Reduced labour and subsequent cost.  
Versatile and multi-utility product mix.

**EcoPro [Mezzanine]**  
EcoPro is lighter and yet can handle amazing load. Replace RCC slabs with this lighter durable option.

**EcoPro [Designer Sheets]**  
CNC cut designer EcoPro sheets beautify and cover ducts. Or they can be used for pure aesthetic purposes. The choice is yours.



**EcoPro [Walls]**  
Constructing a partition wall? Just use EcoPro. It's faster, lighter, thinner and water resistant!



**EcoPro [Anti Leak]**  
EcoPro as bathroom ceiling and walls make the bathroom look beautiful while hiding electrical wires, plumbing and sanitary pipes. Being water resistant helps durability.

**EcoPro [Frames]**  
EcoPro replaces plywood as the frame for the internal doors. It's termite and water-resistant!

**EcoPro offers never before versatility in utility application.**



**EcoPro [Wood]**  
This easy to install, multipurpose product is ideal for both, interiors as well as exteriors. The intricate wood grain patterned planks are ideal to add highlights to spaces.

**EcoPro [Facade]**  
An easy to install product and handy in a number of applications. From creating fins for building facades, to fencing and partitions and more.



Truly, EcoPro can do it all. And we have proof!