

SUPERIOR ATTRIBUTES



TERMITE / TIMBER BORER PROOF

Everest Siding is totally termite/timber borer/vermin proof. And shows no sign of rot or decay.



MOISTURE RESISTANT

Everest Siding is suitable for all kinds of ambient/atmospheric conditions – humid, wet or dry. Everest Siding will not warp or deteriorate with the effect of moisture. When in contact with moisture, the product absorbs, but does not retain moisture. And regains its full strength once it is dried off.



FIRE RESISTANT

Everest Siding is non-combustible as per BS-476 Part IV and qualifies for Part V, VI and VII. Moreover, the products survive the stringent Early Fire Hazard test in accordance with Australian Standard AS 1530 Part - III & BS-476 - Part V, VI and VII. These tests are recognised worldwide for the evaluation of superior fire resistance.



IMPACT RESISTANT

Everest Siding offer high impact resistance because of their strength and mechanical integrity. The products are suited for high traffic areas and are ideal for dry-wall partitions.



WEATHER RESISTANT

Resistant to extreme weather conditions (sun, rain, UV rays etc.). The products also provide protection against humidity and moisture.

PHYSICAL PROPERTIES

I. Fire Resistance Properties

Everest Siding is made of a non-combustible material and qualifies for:

a. Early Fire Hazard Indices as per AS-1530 part 3**

Property	Result
Ignition Index	0*
Ignitability	0*
Heat Evolved Index	0*
Flame Spread Index	0*
Smoke Developed Index	0*

* Zero is the best result.

b. Resistance to Fire as per BS-476**

Combustibility	Non-Combustible BS476, Part IV
Ignitability	Class "P" - not easily ignited, BS 476, Part 5
Surface Spread of Flame	Class - 1, BS 476 Part 7 (Class 1-4; 1=excellent)
Fire Propagation Index	<3, BS 476 Part 6 (Limit<12)
Specific Optical Density of Smoke	<5, ASTM E 662
UK Building Regulations	Class "0"

* EMC - Equilibrium Moisture Condition. At EMC, conditions of environment are 23 ± 5°C and 50 ± 10% Relative Humidity (Rh.).

** AS-Australian Standard, BS-British Standard, ASTM-American Standard.

II. Moisture Resistance Properties

Everest Siding is made of moisture resistant material as per ASTM C-1185.**

Property	Result
	Everest Siding
Moisture Content (at EMC*)	6-8%
Swelling in Water	
Change in Thickness	0.8%
Change in Length	0.03%
Dimensional Changes At 40% Rh. Difference in Thickness	Nil
At 40% Rh. Difference in Length	Nil
Dimensional Changes	
At 90% Rh. Difference in Thickness	0.03mm
At 90% Rh. Difference in Length	0.05mm

FINISHING

To ensure optimum performance Everest Siding should be dry prior to fixing, painting/coating. If the Sidings are wet, allow them to dry thoroughly before fixing and finishing.

For best result with Everest Siding (smooth) use high quality, exterior grade primers and finish with high quality (premium), exterior grade topcoats.

For best results with Everest Siding (Textured and primered) finish with high quality (premium), exterior grade topcoats as per architects imagination.

STANDARD SIZES AND THICKNESSES

	Everest Siding (Smooth)	Everest Siding (Textured) Primered/Painted
Standard sizes	3000 x 150 mm 3000 x 225 mm 3000 x 300 mm	3000 x 225 mm
Thickness	9.0 mm, 12 mm	7.5 mm

Special size and thickness are available on request.



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Looks like wood. Works like cement
EVEREST SIDING

A quality product from **EVEREST**

ABOUT US

Everest Industries Limited pioneered fibre cement products in Asia and is one of the fastest growing building materials company in India. It started its operations in 1934 and today, has ultra-modern exporting facilities located in Nashik (near Mumbai) and Coimbatore (near Chennai). All exporting units work as per IS/ISO 9001 : 2000 standards.

We offer a versatile product range which spreads across fibre cement roofing and fibre cement boards. Our product range has gained wide acceptance in Asia, Africa, South Pacific and Europe.

FIBRE CEMENT BOARDS

- E- Board : Multipurpose Cement Boards.
- E- Board Classic : Designer Cement Boards.
- E- Board Endura : Compressed Cement Boards.

EVEREST SIDING

Everest Siding is an attractive and aesthetically pleasing fiber cement siding manufactured in state-of-the-art ultra modern plant by using ordinary portland cement, finely ground silica, treated cellulose fibres, select mineral fillers and water. Everest siding comes in many different sizes and smooth or textured surfaces giving the appearance of wood without flaws and knots!

Everest Siding with deep wood grain texture come in pre painted/polished form with Burma Teak, Golden Beach and Wall Nut finishes. Alternatively it also comes in yellow pre primed form to suit the architects' imagination and enhancing the aesthetic value of siding thus combining the appearance of wood with premier fibre cement performance. With the use of fiber cement formulation, it resists termite, does not rot or deteriorate and provides long term durability and strength. It provides outstanding weatherability with low maintenance.

FRAMING AND FASTENING

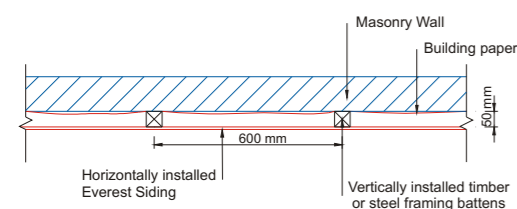
Substrate Preparation

Everest Siding can be fixed to timber, masonry and steel substrates. If the substrate is not waterproof, it must be first covered with a layer of building paper. Where insulation is required, it should be first installed and then the building paper should be fixed on it.

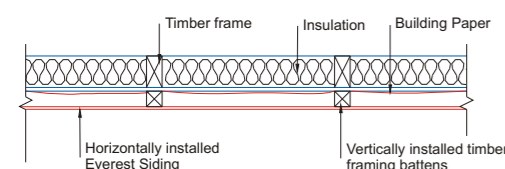
Framing

Everest Siding must be fixed to support framing of timber or light gauge steel that is designed to resist design loads in accordance with the relevant building regulations. While using timber, use only seasoned timber as unseasoned timbers are prone to shrinkages. Timber support battens must be a minimum of 25 mm thick by 50 mm wide. Steel support battens must have a base metal thickness of between 0.55 and 1.6 mm. If steel members are used it should be painted with corrosion resistant paint when installed in highly corrosive environment or coastal area.

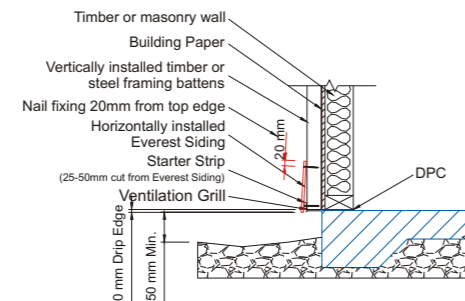
1. Framing onto masonry wall



2. Framing onto timber substrate



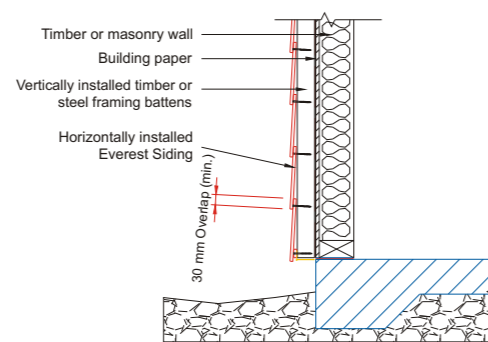
3. Fitting the first plank



A minimum clearance of 100 mm between Everest siding and ground must be maintained throughout the life of the product. Install a ventilation grill at the base of the timber batten so that ventilation between the siding and wall is maintained while checking the entrance of pests. Cut a starter sheet of Everest siding to kick out the first plank to match the lap of the wall. Also ensure that the first plank overhangs the framing and ventilation grill so as to form a drip course.

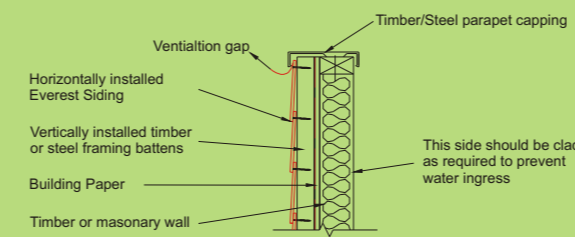
4. Fitting of subsequent Planks

A minimum overlap is required between each plank. See fig below for fixing instructions.

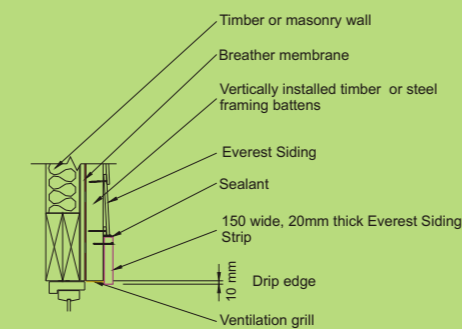


CONSTRUCTION DETAILS

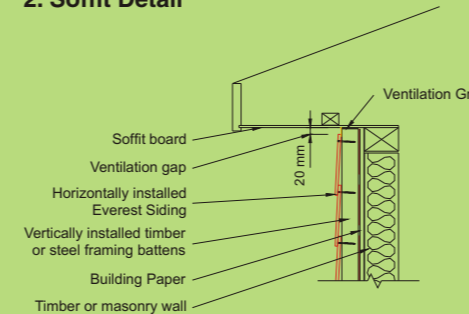
1. Parapet Detail



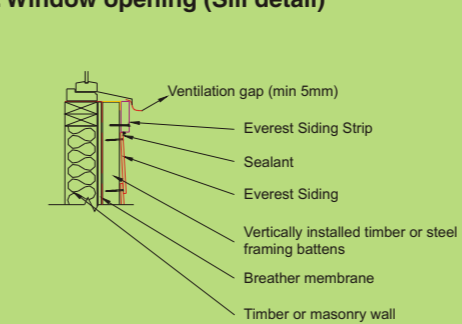
5. Window opening (head detail)



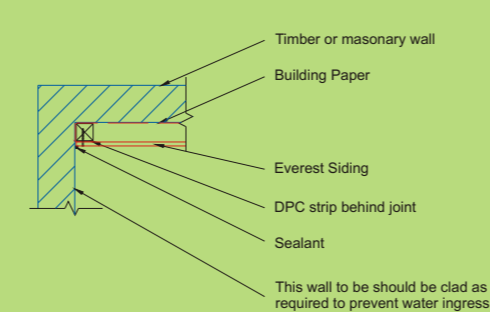
2. Soffit Detail



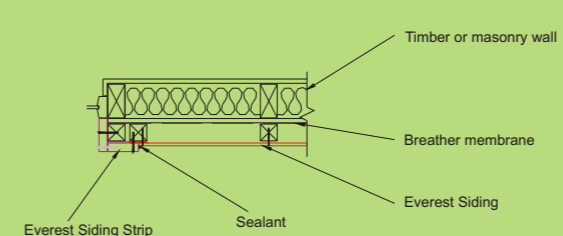
6. Window opening (Sill detail)



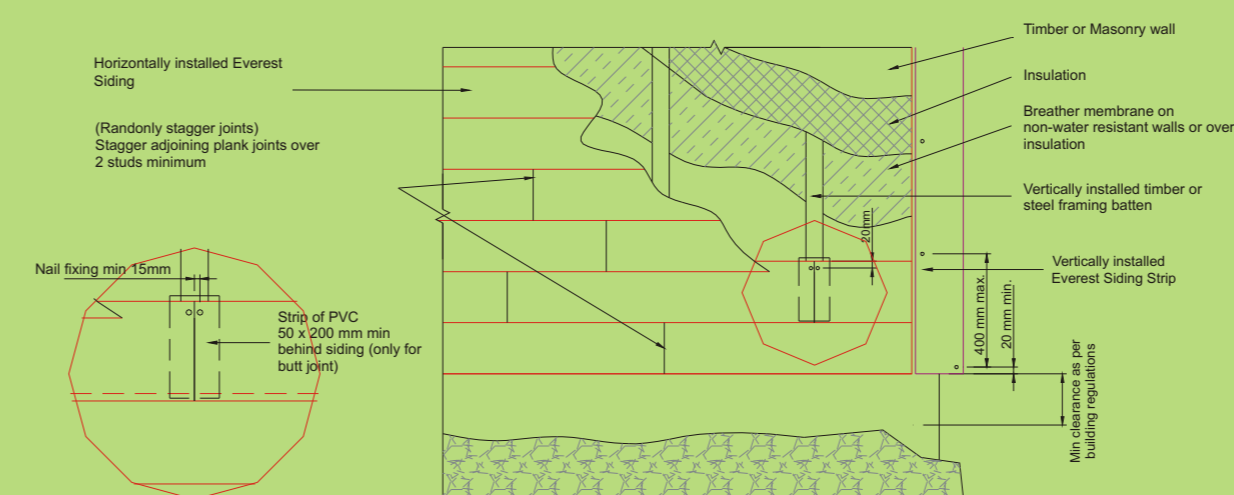
3. Butt Joint with Masonry wall



7. Window opening (Jamb detail)



4. Side Joint of sidings



FINISHES

PAINTED

BRUMA TEAK

GOLDEN BEECH

WAL NUT

PRIMERED