



quick, affordable
& durable construction

Vboard
fiber cement board

Vboard

salient features



Vboard - strong as cement. better than wood.

Fiber cement boards have taken the international market by storm. The strong portfolio of advantages make the product widely endorsed and appreciated by architects and customers worldwide; many of them are replacing plywood with fiber cement boards. Fiber cement boards have been used in some of the iconic buildings of our time as they save time, money and being aesthetically more beautiful in their appeal.

Multiple uses of Vboard has taken fibre cement board utilities to the next level for use in interior as well as exterior applications.

manufacturing

Vboard is a Non Asbestos, autoclaved product. These fibre cement boards are manufactured by the Hatschek process; later the product is cured using HPSC technology. The curing is done under high pressure steam to attain the product's strength and stability. Vboard is composed of a composite matrix containing special grade cellulose fibres, ordinary Portland cement, fine silica, quartz, and some mineral additives.

Vboard is manufactured to meet the requirements of IS 14862:2000. They are available in standard dimensions with smooth and textured finishes to meet the requirements of modern building applications.

variants

Vnext has variants in internal & external categories. Internal grade popularly known as Vboard and external grade popularly known as Vpremium.

✓ Interior Grade (Vboard)

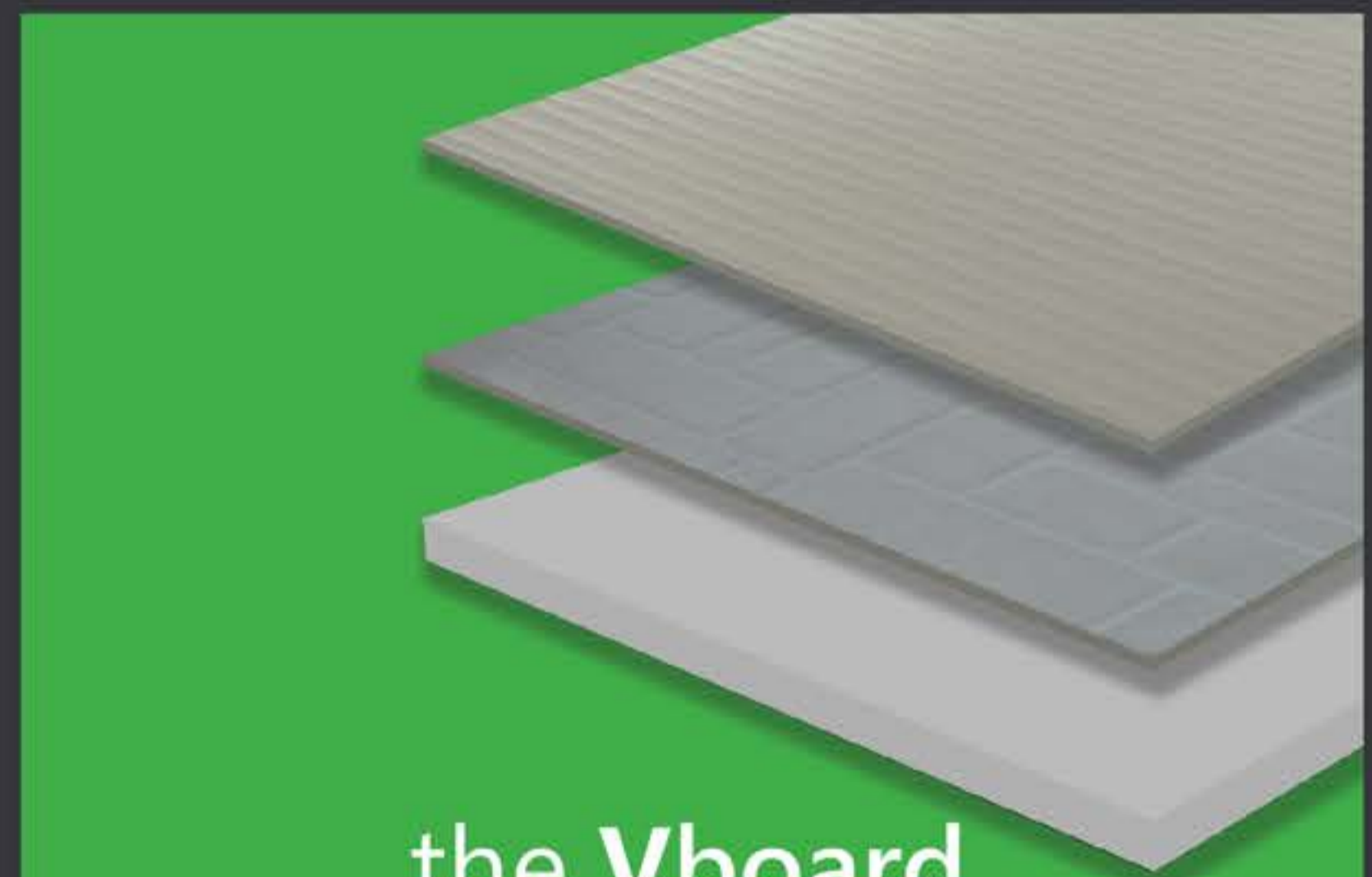
- V Oceanic
- V Lake & Hill
- V Cedar
- V Wave
- V Stone
- V Sandstone
- V Valley

✓ Exterior Grade (Vpremium)

- V Plank
- V Stone
- V Sandstone
- V Valley

aesthetics

A beautiful home is an essential requirement and desire of any individual. Vboard can be craftfully used to decorate the home as per the taste and choice of the owner as it has innovative and multiple applications. The high aesthetic appeal of decorated Vboard can replace other substitutes like particle boards and wood based materials.



the Vboard advantage

- ✓ Exova warrington fire-rating certified
- ✓ Asbestos free
- ✓ Fire resistant
- ✓ Water resistant
- ✓ Termite resistant
- ✓ Weather resistant
- ✓ Eco-friendly
- ✓ Aesthetics with durability
- ✓ Energy efficient
- ✓ Easy workability
- ✓ Value for money

applications

Vboard is a flexible and aesthetically appealing product suitable for the following applications :



wall panelling

V-Designer Boards with textured surface finishes – “V-Cedar” and “V-Stone” are available as ready to use wall panels. Options of different surface finishes are possible using laminations, veneer, wall papers, etc. on Vboard.

6mm, 8mm



V Wave



V Cedar



V Oceanic



V Sandstone

T-Grid false ceiling

Vboard and V-Designer Boards with textured surface finishes – “V-Oceanic” and “V-Lake&Hill” offer smart choices for modern t grid false ceilings in commercial, industrial and residential applications. These boards are mounted through an exposed grid system where tiles are laid into the grid.

4mm,
6mm



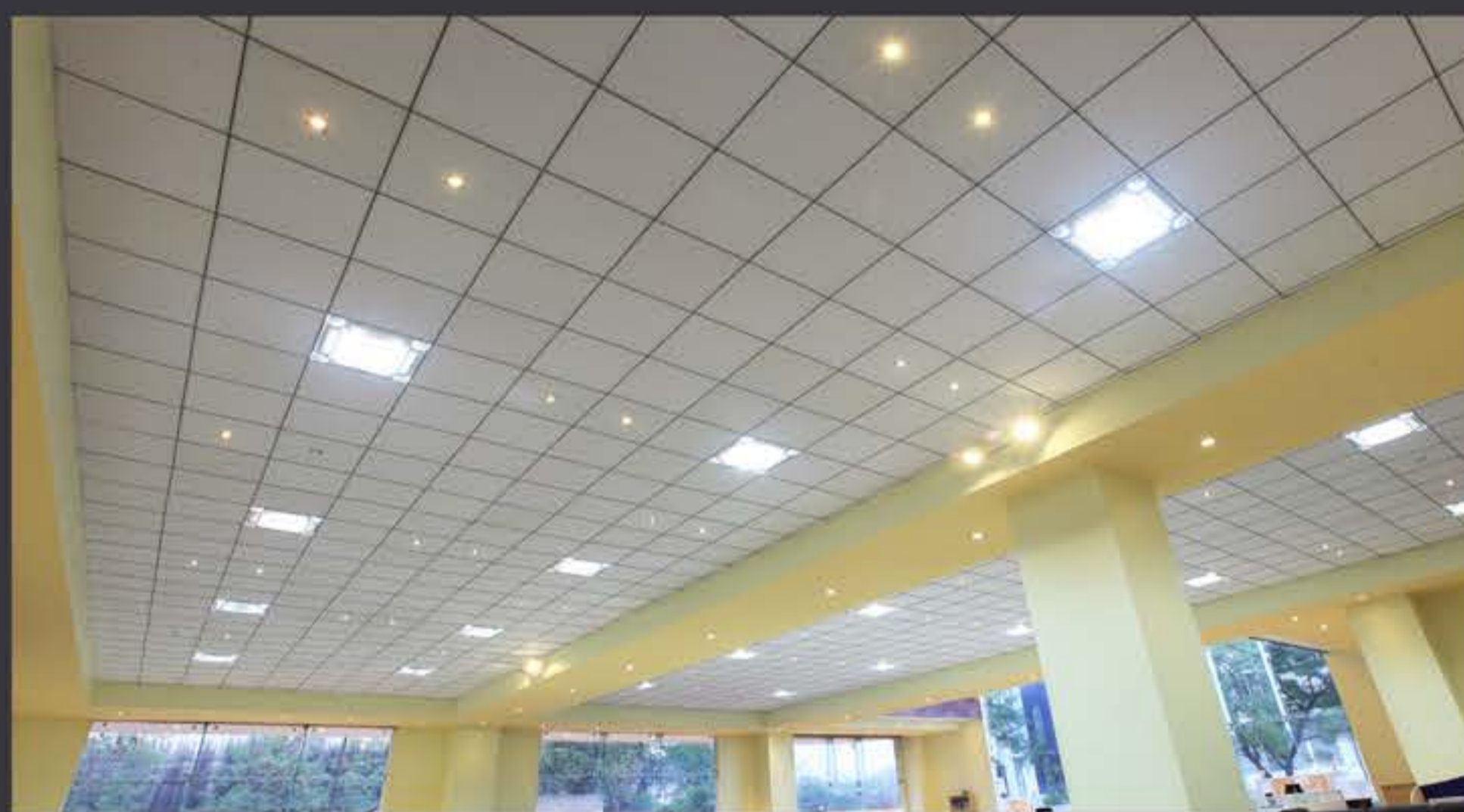
V Wave



V Lake & Hill



V Oceanic



Concealed grid false ceiling

Concealed grid false ceilings are used to minimize load (power consumption) on air-conditioning in a building and also to provide an aesthetic look to the soffit/roof. These boards are fixed to the frame and finished to provide a seamless surface. Boards can also be fixed by providing grooves all around the board.

6mm, 8mm



mezzanine flooring

Vboard is available in various thicknesses for mezzanine floor applications to withstand the defined stresses and loads. The mezzanine floor application of the board results in creating extra space for use as storage, office etc.

18mm, 20mm, 25mm





Fire-Rated Partitions

Vboard has an added advantage over other materials being fire, water and termite resistant making it an effective, elegant, and sturdy partition system. **Vboard** also offers acoustic insulation, thermal insulation, and fire resistance properties essentially required for wall partitions in offices, malls, hotels, hospitals, airports, commercial and industrial establishment.

8mm, 10mm, 12mm

Acoustic partitions

Vboard offers acoustic insulation upto - 29dB (for 8mm **Vboard**). It also has good thermal insulation, essentially required for wall partitions in offices, malls, hotels, hospitals, theatres, airports and other commercial and industrial establishments.

8mm, 10mm



kitchen cabinets

The triple advantages of **Vboard** can appropriately fulfil the conditions to make it an ideal application for kitchen cabinets and use as a wall cladding material in water and other moisture prone areas.

16mm, 18mm

Shelves/wardrobes

Vboard being low shrinkage, termite proof, water resistant and asbestos-free makes it the obvious choice for constructing a cost efficient, time efficient, healthy and long lasting wardrobe. The aesthetic flexibility **Vboard** provides, allows for a gorgeous custom-made design.

12mm, 16mm, 18mm



technical & physical specifications

(Vboard manufactured as per IS - 14862:2000, Type B Category '3')

S.No.	Properties	Units	Performance
Physical Characteristics			
1	Apparent Density	Kg/m ³	>1200
2	Standard Weight (For 6mm)	Kg/m ²	8.9
3	Thickness of boards (Range)	mm	4 to 25
4	Dimensions of the boards	mm	1220 x 1830, 1220 x 2440, 1220 x 2745 and 1220 x 3050
Mechanical Characteristics			
5	Modulus of rupture EMC - Minimum	MPa or N/mm ²	10
6	Free Moisture Content	%	6
7	Water absorption - 22 Hrs.	%	36
8	Lamina Bond Strength	MPa or N/mm ²	0.9
Additional Characteristics			
9	Thermal Conductivity (K) (30° C Mean Temperature)	W/m .k	0.172
10	pH value		10.4
11	Acoustic insulation	dB	8mm thick Vboard-29 dB
12	Screw Withdrawal (On face)	N	1220
13	Nail Withdrawal (On face)	N	1010

application matrix

Application	Thickness (mm)											
	4	6	8	9	10	12	14	16	18	20	25	
Internal												
False Ceiling	✓	✓	✓									
Wall Partitions			✓	✓	✓	✓						
Wall Panelling		✓	✓	✓								
Mezzanine Flooring									✓	✓	✓	
Doors					✓	✓	✓	✓				
Wet areas					✓	✓						
Kitchen Cabinets/ Wardrobes/Shelves								✓	✓			
External												
Prefab Structures			✓	✓	✓	✓						
Wall Cladding			✓	✓	✓	✓						
Sign Boards			✓		✓							
Roof Underlay						✓	✓	✓				
Duct Covering						✓						

Dr. G. Vivekanand manifested his dream of Visaka Industries in 1985 and began manufacturing Fiber Cement Roofing Sheets which gave birth to “**Visaka Industries limited**”.

Today, our 3 ½ Decade old company has manufacturing plants across the country with a turnover close to Rs. 1000 crores; we are the second largest fiber cement roofing sheet manufacturer in India. We have already set foot all across the world with our modern vision for the construction industry.

We have massive portfolio with 8 **Fiber Cement Roofing Sheet Plants**, having manufacturing capacity of 7,52,000 MT per annum, 2 **Non- Asbestos Flat Sheet Plants (Vboard)**, having manufacturing capacity of 1,44,000 MT per annum, a **Vpanel** plant having manufacturing capacity of 3,00,000 Sq.m., and a **Textile Yarn Plant**.

The variety in the product line and the brilliant modern utilitarian perspective, is reflected with dexterity in the products.



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