



renaflex
FIBRE CEMENT BOARD
By Renacon

Clean Execution. Smooth Finish.

Powered by LFT Engineering



Built for the way
modern construction builds.

Modern construction as we know today has made leaps and bounds. It demands precision, consistency and finishes that stay true to design. Renaflex FCB is a next-generation fibre cement board engineered for modern interior and exterior construction systems.

Manufactured in a globally benchmarked precision facility using **Laminar Flow Technology**, every board is built for reliable performance, clean execution and smooth finish quality across applications.

From partitions and ceilings to façades, wet areas, furniture, cladding and prefabricated systems, Renaflex FCB adapts effortlessly to the way today's buildings are designed and built.





WHY RENAFLEX?

Precision *you can build with.*

LFT Engineering
Uniform sheet formation for consistent boards and smoother finished surfaces.

Precision-Controlled Consistency
Engineered density, thickness and strength, board after board.

Clean Execution
Reduced rework through consistent installation behaviour.

Smooth Finish
Designed for superior paint, laminated and textured finishes.

Interior & Exterior Ready
One platform. Multiple applications.

Built for Indian Conditions
European-inspired engineering, manufactured for real site demands.

TECHNICAL SNAPSHOT

S. No.	Property	Standard
1.	Available Thickness (mm)	4, 6, 8, 12, 16, 18
2.	Apparent Density	>1300 kg/m3
3.	Modulus of Rupture	14 MPa Parallel / 8 MPa Perpendicular
4.	Impact Strength	>2100 J/m²
5.	Screw Withdrawal Strength	>1500 N
6.	Water Absorption	<35%
7.	Acoustic Insulation, 12 mm	31 dB
8.	Thermal Conductivity	0.18 W/m-K

*The values indicated above are based on internal evaluations

APPLICATIONS

One board. Endless possibilities.

Interior Systems



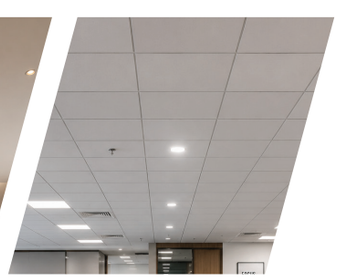
Drywall



Wall panelling



Seamless ceilings



Grid ceilings

Exterior Systems



Façades



Cladding



Roof underlay

Functional Spaces



Wet area lining



Kitchen counters



Fixed furniture



Mezzanine flooring

Modern Construction



Prefabrication



Commercial interiors



Healthcare



Institutional



Residential

RENAFLEX FCB HD BOARD

At the heart of the Renaflex FCB range is our flagship High Density Fibre Cement Board, engineered for applications that demand superior strength, durability and dimensional stability.

Unlike conventional fibre cement boards, Renaflex HD undergoes an enhanced manufacturing process where the board is compressed through the **world class engineered ultra modern heavy duty hydraulic press.**

This repeated compaction compresses the board structure, reducing its thickness from approximately 9 mm to a finished 6 mm while significantly increasing its density. The result is a board with a tighter internal matrix, higher load-bearing capability, improved screw holding strength and greater resistance to impact and deformation.



SIMPLE INSTALLATION SYSTEM



Measure



Cut



Frame



Fix



Finish

Recommended accessories

GI channels | Screws | Fibre mesh tape | Jointing compound

THE RENAFLEX RANGE

renaflex

Fibre Cement board	***HD***	***Signa***	***Woodline***
General construction board	*High density fibre cement board*	*Architectural surface solutions*	*Wood-look fibre cement planks*



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Renaatus Products Private Limited
Head Office: *#156, Mullamparappu, N.G. Palayam (PO)*
Erode - 638115, Tamil Nadu.

Corporate Office: *No. 139, VIBGYOR, Kodambakkam High Road*
Nungambakkam, Chennai - 600034, Tamil Nadu.

Contact Number: 73738 73738