Renacon
RAPID WALL

EASY TO INSTALL

Fix Ceiling and Floor Channels

Erect the panel and align

Apply jointing material in tongue and groove joint

Apply jointing material and fibre mesh tape to the surface joint

Now the wall is ready for any finish including paint, tiles, wallpaper or texture.

TECHNICAL SPECIFICATIONS

Properties	Thickness		Remarks
	50 Mm	75 Mm	
Nominal Weight (kg/sqm)	40	57	Nominal Weight@
Apparent Density (kg/m³)	800	750	IS2380:PART3
Axial load/meter width (KN/m)	53	83	Factor of Safety - 2.5
Bending three point uniformly distributed load(N/mm²)	4.6	3.5	
Flexural strength/Modulus of Rupture(kg/cm²)	67	58	Typical test results
Thermal conductivity (w/m°k)	0.22	0.21	BS 4370 -PART 2
Fire rating (Minutes)*	60	120	BS 476 PART 20 -22
Tensile strength, N/mm²	0.41	0.35	IS 2380 PART-14
Sound transmission class(Db) (Typical test results of National physical laboratories)	33	36	IS:9901 (PART-3)- 1981 IS:11050(PART-1)-1981
Screw withdrawal strength, KN	0.645	0.629	IS 2380 PART-14
Ignitability*	Class 'P' (Not Easily Ignitable)		BS 476 PART 5-1968
Fire propagation index (I)	3.7		BS 476 PART 6-1981
Surface spread of flame*	Class 'I'		BS 476 PART 7-1971

**Terms and Conditions Applied

Standard Sizes: Length 2.4 m, 2.7 m, 3.0 m Width 600 mm

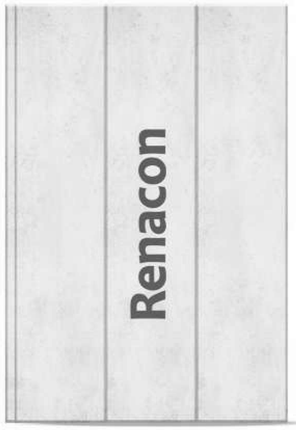
085903 80767
9446589965
info@bosetraders.com

UNLEASH THE NEW AGE OF CONSTRUCTION

LIGHT-WEIGHT & ECO-FRIENDLY READYMADE WALL PANELS

Key Features

- High Axial Strength
- Light Weight
- Sound Insulation
- Fire Resistant
- Space Saving



- Easy Installation
- Termite Resistant
- Strong & Durable
- Water Resistant
- Tongue & Groove

RENACON READYMADE WALL PANEL BENEFITS

Savings

- **Cost:** Light-weight, therefore results in structural savings up to 20%.
- **Time:** 10-20 times faster to construct.
- **Labour:** Pre-cured and ready-to-use, therefore eliminates on site curing.

Services

- **Support:** Design and BOQ.
- **Training:** Regularly conducted on the use of Renacon Rapid Wall Panels.
- **Feedback:** Site visits and feedback on the Renacon Rapid Wall Panels Works.

Strength

- **Solid & Sturdy:** Cement-based panels.
- **Compressive Strength:** High axial compression and bending.
- **Long Lasting:** Durable Products.

Sustainable

- **Saves resources:** Cement and sand are not required during construction or finish.
- **Reusable:** The unique tongue & groove joint makes it easy to install and uninstall.

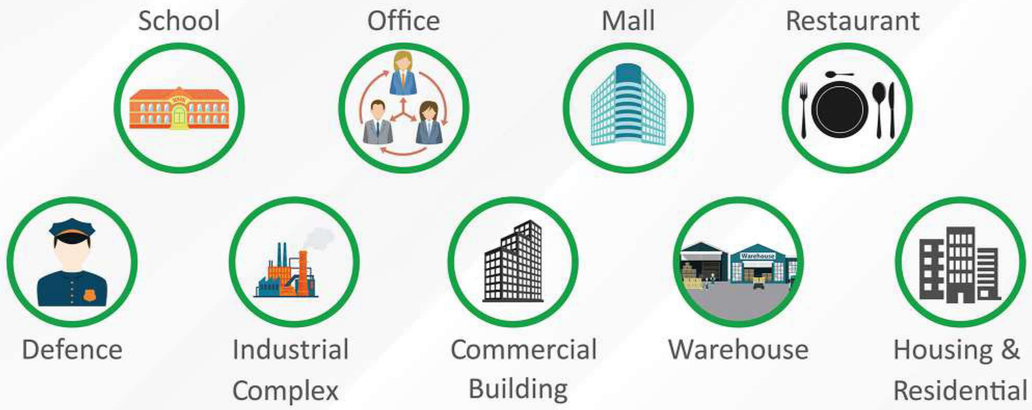
Safe

- **Fire:** Highly resistant.
- **Weather:** Can withstand adverse conditions.
- **Termite and water-resistant:** Doesn't permit the growth of bacteria and fungus.Highly resistant to termite and water due to the superior nature of raw material used.
- **Toxic emissions:** None.

Space

- **Thinner Walls:** Provides additional carpet area up to 5%.

VERSATILE APPLICATIONS



VERSATILE APPLICATION AREAS

Schools | Offices | Malls | Restaurants
Warehouses | Residential Buildings | Security & Store Rooms
Industrial Complexes |Commercial Spaces
Godowns | Army Barracks