










## PRODUCT COMPARISON CHART

Properties	GI Metal Sheets	Galvalume Metal Sheets	Aluminium Metal Sheets	GreenCor Sheets	Inference
Material 	Galvanised Iron	Steel Sheets with Zn / Al Alloy Coating	Aluminium	Cement, Fly Ash, Synthetic Fibre	GreenCor ensures zero maintenance, Resistance to natural weathering / corrosion
Sound 	High Noise Pollution	High Noise Pollution	High Noise Pollution	Zero Noise Pollution	GreenCor ensures calm and quiet environment
Heat Difference (°C) 	Absorbs heat, hence warmer	Absorbs heat, hence warmer	Reflects heat. Hence, keeps the interior 2°C cooler in the summer and warmer in the winter	Keeps the interior 5°C* cooler in summer and warmer in winter	GreenCor reduces and keeps internal temperature cooler than ambient temperature.
Lighting and Power 	Conducts & Affects	Conducts & Affects	Conducts and Affects	Does not conduct and affect	GreenCor is unaffected by lightning and live power wire hence ensures a safe environment.
Thermal Conductivity (λ) (ASTM C177) 	20 W/mK	22 W/mK	210 W/mK	0.18 W/mK	GreenCor has very low thermal conductivity property which results in lower conductance of heat or cold. This results in better living environment.
Load Bearing Strength 	—	—	—	3300 N/m	GreenCor has excellent load bearing strength
Non-combustibility 	Poor	Poor	Poor	Excellent	GreenCor is non-combustible / Fire resistant
Life 	8 Years	10 Years	20 Years	40 Years	GreenCor is more durable when compared to all metal sheets. Metal sheets tend to corrode and rust.
Chemical Resistance 	Poor	Poor	Poor	Excellent	GreenCor has excellent chemical resistance
Vapour Permeability 	Poor	Poor	Poor	Good	GreenCor prevents condensation because of breathability.
Deform Stability 	Satisfactory	Satisfactory	Satisfactory	Good	GreenCor has good dimensional stability

\* Tested at RIL R&D lab under specific conditions

### About RIL

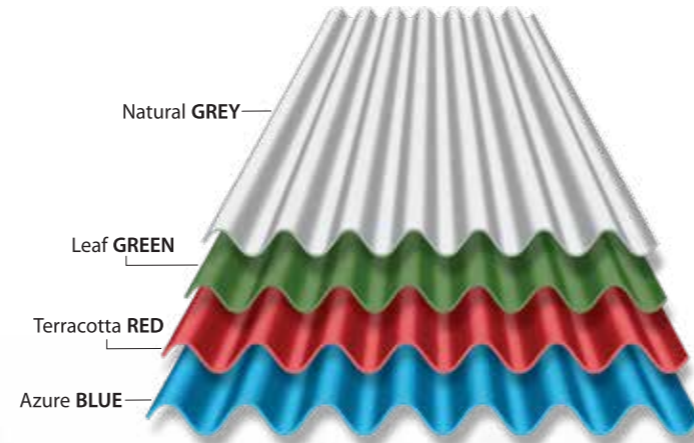
Ramco Industries Limited, a well known and reputed manufacturer of fibre cement sheets since 1967, has a name that is synonymous with quality and durability. With a production capacity of 8,00,000 mt of fibre cement products being churned out from its 12 hi-tech factories across India and Sri Lanka, Ramco products are widely available through its extensive network of over 7000 dealers.

Ramco Industries Limited is a brand leader in its market space and is a part of the Ramco Group, a conglomerate with diversified business interests having an annual turn over of over Rs.6,000 crore.

#### White is the New Green

A white roof, especially when painted with solar reflective white paint - reflects up to **90%** of sunlight and keeps you cooler.

Saves you airconditioning costs by **40%**  
Coloured roofs reflect only **20%**



**Barack Obama's Green Guru calls for White/Cement Roofs**

**Steven Chu**  
Former US Energy Secretary & Nobel Prize Winner

My toy house also has a GREENCOR roof!



**Ramco Industries Limited**

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# EVERY HOME NEEDS AN UMBRELLA



EN 494: 2012+A1: 2015

# The roof over our home is GREENCOR

Rust proof  
Corrosion resistant

Fire resistant

Zero maintenance

Keeps internal temperature  
5°C cooler than other roofs

Extremely safe because  
fibre cement is an insulator and not a conductor like metal roof

Unaffected by lightning and live power wires

Better living environment because it has low thermal conductivity

Excellent load bearing strength

5 times more durable than metal roofs

Excellent breathability and dimensional stability.

Calm and quiet environment

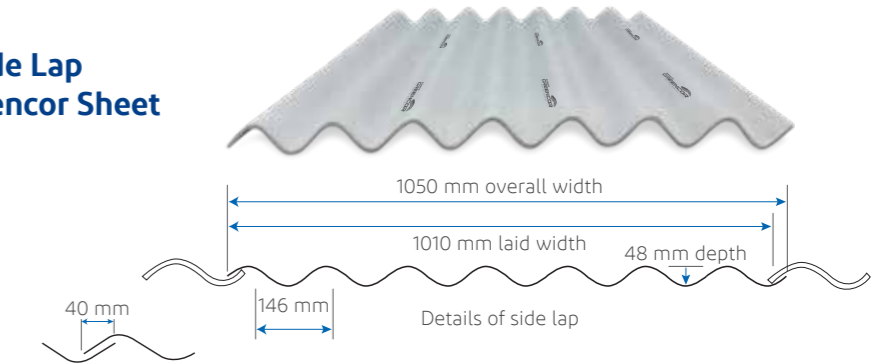
**RAMCO**  
**GREENCOR**  
NEW AGE ROOFING



**A unique eco-friendly fibre cement roofing system -the best and the only one of its kind in India.**

- Corrosion Resistant** Ramco Greencor does not corrode and is dimensionally stable. It will not dent or deform. It is resistant to atmospheric saline, acid rain environment and chemical corrosion.
- Weather Resistance** Ramco Greencor offers protection from weather elements i.e. sun (heat), rain and wind. Being cement-based it gains strength with age and weathering.
- High Strength** Ramco Greencor has a high bending strength and flexibility for better handling and has a better ability to take dynamic loads and point loads
- Economical** Ramco Greencor has significantly lower maintenance costs than alternatives like colour coated metals, aluminium roofing etc.
- Non-asbestos** Ramco Greencor is asbestos free and conforms to IS 14871:2000 & ISO 9933:1995(E) specifications and meets the requirements of multi-nationals and importers.
- Aesthetics** Ramco Greencor is available in different colours using a special type of coating which ensures resistance to algae, fungal growth and harmful UV rays all of which ensure uniformity and longevity of the colour.

**Detail of side Lap  
Ramco Greencor Sheet**



Dimensional Data	
Thickness (nominal)	6.00 mm
Overall width	1.05 m
Laid width	1.01 m
Cover efficiency (Allowing for side and end laps with 3 m sheet)	91%
Actual cover of 3 m sheet as laid	2.88 sq.m.
100 sq.m. laid area requires of sheeting (Allowing for loss by side end laps with 3 m sheets)	109.43 sq.m.
100 sq.m. laid area requires of sheeting (Allowing for loss by side end laps with 1.5 m sheets)	115.51 sq.m.
100 sq.m. laid area with other sizes between 1.5 m and 3 m sheets requires sheeting	Between 115.51 sq.m. & 109.43 sq.
Weight of 100 sq.m. as laid	1.40 M. Tonnes
Standard lengths	1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3 & 3.60 m
Purlin spacing	1.4 m (max)
Spacing of rails for side cladding	1.7 m (max)
Horizontal lap	150 mm
Colour available	Natural Grey / Ivory / Blue / Green / Terracotta Red