



everest

HI-TECH

high performance
roofs





Reimagining the way India builds with new-age solutions.

India needs a new generation of building technology to fuel its growth. Everest is ushering in a better future for construction, with new-age building solutions that are more efficient, sustainable, and better-performing. Our products are helping to construct hospitals, schools, homes, factories and offices, and have gained the support of India's leading architects, interior designers, and engineering firms. These modern construction materials enable them to deliver their vision with speed and efficiency, in a sustainable, eco-friendly manner, while opening up a world of aesthetic and design possibilities.

**30+ applications
offering complete building
solutions**

**3,000+ pre-engineered
steel buildings**

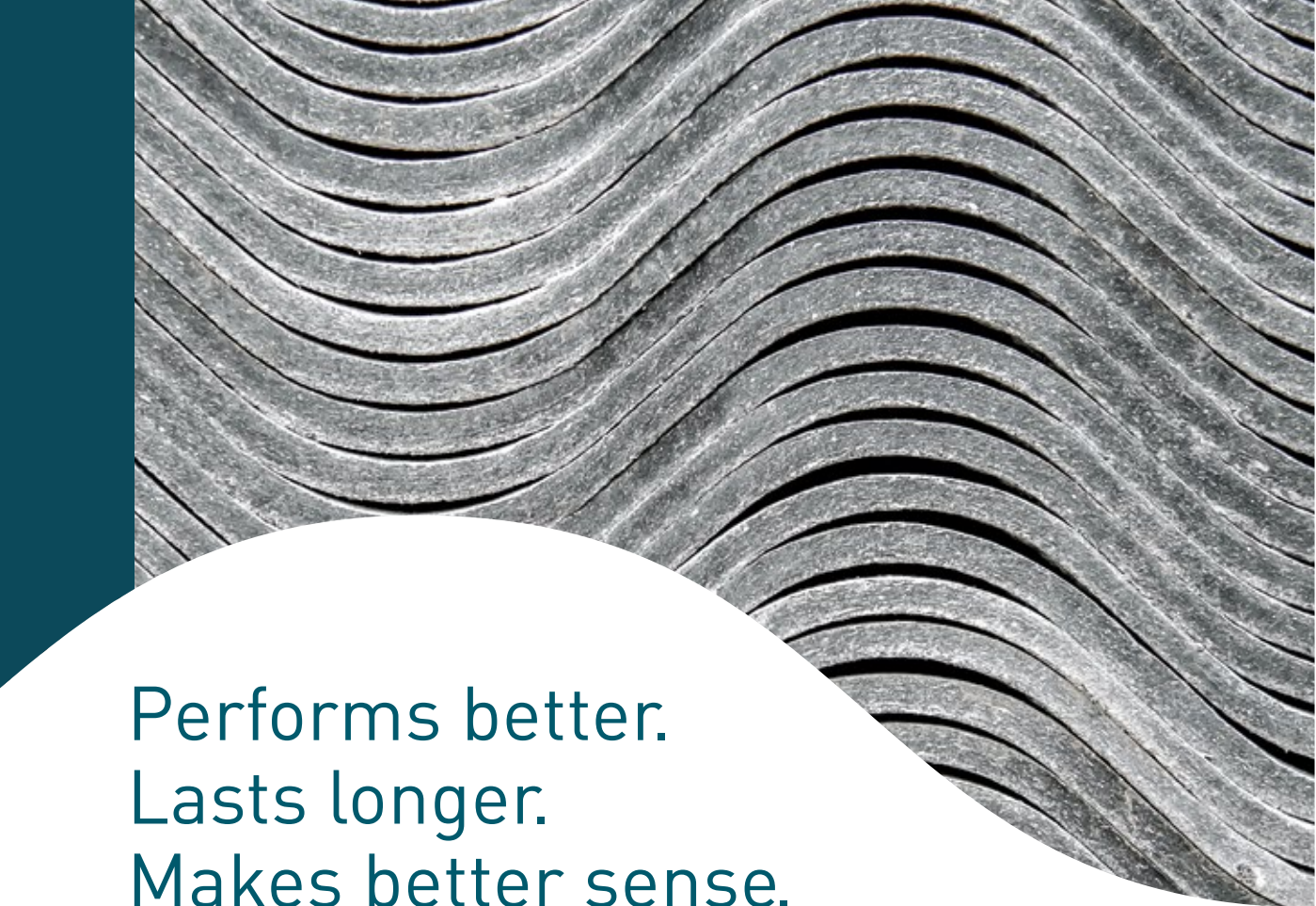


High performance roofs.

A new standard for Indian industry.

Today's industries demand solutions that deliver performance and sustainability advantages. Everest, the pioneer of innovations in roofing solutions, presents Everest Hi-Tech: a high performance, non-asbestos cement roofing that offers a range of performance advantages for demanding industries.

This non-corroding, condensation and fire resistant, heat and sound insulating roofing is reinforced with high-impact PVA fibres for extra durability. It is amongst the most sustainable roofing materials, making it the preferred choice for a new generation of companies across India.



Performs better.
Lasts longer.
Makes better sense.

Everest Hi-tech performs better than other roofing across multiple parameters, making it the smarter choice for a variety of industries and applications that want a longer lasting, more durable roof.



NON-CORRODING

Unlike metal roofs, Everest Hi-tech does not corrode with water or chemicals.



ANTI-CONDENSATION

Ideal for industries and locations where moisture a deterrent.



FIRE RESISTANT

Will not warp or melt even at high temperatures.



HIGH CHEMICAL RESISTANCE

Non-reactive, ideal for chemical and pharma industries.



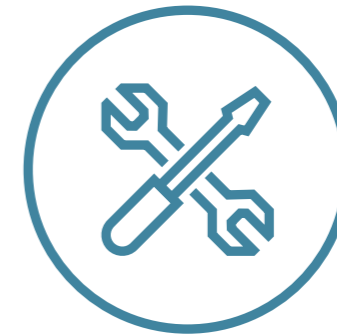
WEATHER-PROOF

Better stability than metals in extreme weather conditions.



THERMAL INSULATION

Unlike metals that absorb and transmit heat, Everest Hi-tech insulates for cooler interiors.



MAINTENANCE-FREE

Does not require painting, rust removal, replacement panels.

Outperforms metal roofing. In every way.

Every business needs to make investments that pay off over the long-term. As a non-corroding, highly-durable roofing, Everest Hi-Tech displays better performance characteristics than metal roofing, lasts 3x longer and is maintenance-free^{##}. It is an investment that outperforms metal roofing in every way, providing high performance and the best value for money.

PERFORMANCE CHARACTERISTICS

	Hi - Tech	Regular metal sheets
Sound insulation	Less noise pollution	Conducts sound, noisy with rain
Temperature insulation	Keeps interiors cooler	Makes interiors hotter
Lightning and power protection	Does not conduct lightning or electricity	Conducts electricity
Corrosion resistance	Resistant to corrosion	Metal roof corrodes over time
Vapor permeability	Prevents condensation because of breathability	Poor
Dimensional stability	Excellent dimensional stability	Can warp and dent
Lifespan	Longer lifespan	Shorter lifespan

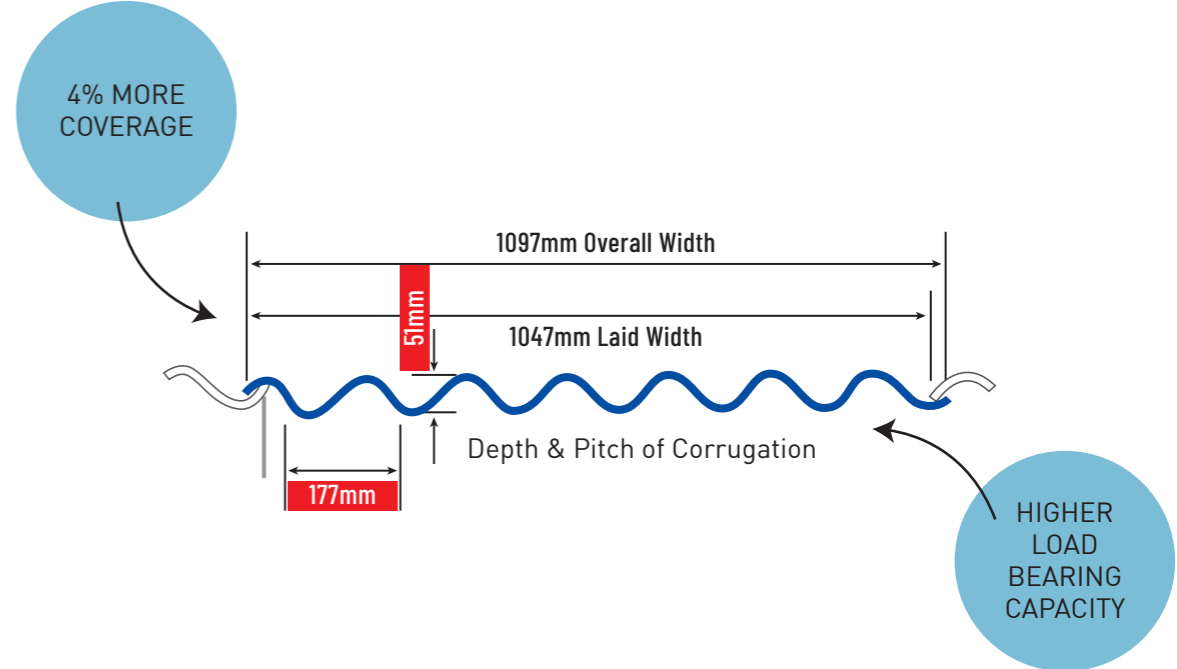
^{##}with correct installation and under normal weather conditions

Advantage P7: the profile created to American specifications.

Everest Hi-Tech's unique P7 profile is made to the best-in-class American standards. The P7 profile makes Hi-Tech stronger, provides ease of water drainage and also makes it more cost effective.

ADVANTAGE OF P7 PROFILE

Parameter	P6 Profile	P7 Profile	Comments
Pitch of Corrugation (mm)	146	177	Higher the pitch, higher the breaking load
Depth of Corrugation (mm)	48	51	Higher depth allows better water flow
Laid Width of Sheet (mm)	1010	1047	More area coverage, which reduces the cost



Everest Hi-Tech. Proven across industries.

With its unique advantages and eco-friendly materials, Everest Hi-Tech roofing is best suited for warehouses, manufacturing and export-oriented units, and modern factory sheds across a wide variety of industries including:

CHEMICALS

FOUNDRIES

PHARMACEUTICALS

PETROLEUM

FOOD AND BOTTLING

GOVERNMENT PROJECTS

PORTS

AGRO INDUSTRIES

ENGINEERING AND AUTOMOBILES

PAINTS AND PIGMENTS

TYRE INDUSTRIES

Everest Hi-Tech. Trusted by leading companies.



EVEREST HI-TECH SPECIFICATIONS

PRODUCT Fiber-cement roofing sheets reinforced with high-impact PVA fibres.

COATING Proprietary, high-quality, imported, water-based exterior acrylic coating. Provides resistance to UV rays, fungi and algae. Protects against many acids, alkalis, and solvents. Provides long-lasting aesthetic finish.

COLOURS Available in 6 colours



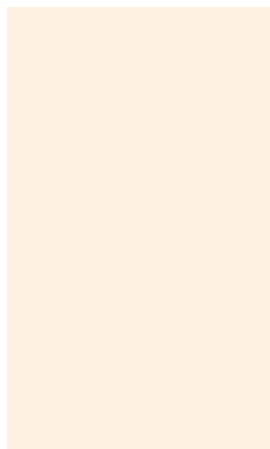
TERRACOTTA RED



TROPICAL GREEN



NATURAL GREY



IVORY WHITE



PERSIAN BLUE



DARK GREY

CERTIFICATION HIPPI, IS 14871 and BIS certification

DIMENSIONAL AND TECHNICAL SPECIFICATIONS

PARAMETERS	TOLERANCE	DIMENSIONS
Thickness	+/- 0.5 mm	6 mm
Overall Width	+10 mm; -5 mm	1097 mm
Laid Width (Half Corrugation Side lap)	Half (+10 mm; -5 mm)	1047 mm
Depth of Corrugation	+3 mm; -5 mm	51 mm
Pitch of Corrugation	—	177 mm
Weight per unit area	—	13.00 kg/running m.
Standard Length	+5 mm; -10 mm	1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0

INSTALLATION SPECIFICATIONS

Side Lap	50 mm
End Lap (min)	150 mm
Actual Coverage of 3 m. Sheet as laid (side lap of 50 mm, end lap of 150 mm)	2.98 sq.m.
Purling spacing for side roofing	Max 1400 mm
Runner spacing for side cladding	Max 1700 mm
Max. free overhand of eaves	300 mm
Min. slope of roof	10 degrees

ADVANCED FEATURES

Work of fracture - IMOR	8000 - 10000 J/M2
Impact resistance	10000 - 12000 J/M2
Breaking load	Min. 3300 - 3500 (N/M)
Density	1300 kg/m3

ROOFING ACCESSORIES



CLOSE FITTING ADJUSTABLE RIDGES: BS2

Available in pairs with socketed ends.
Valley of each wing should be placed at the
side lap of sheets for snug fitting ridges.



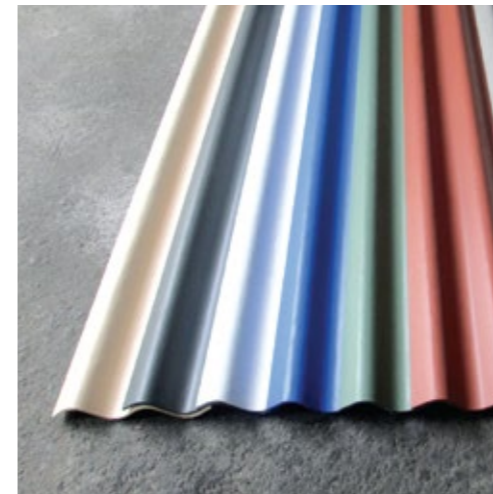
CORRUGATED SERRATED ADJUSTABLE RIDGE: BS10

Available in pairs. Used for corrugated sheets.
One of the corrugation tips is painted black
to register with the valley of side lap of the sheet.



CORRUGATED APRON PIECE: BS3

Used for covering the angle formed
between the sloping roof with vertical
cladding, glazing or walling.



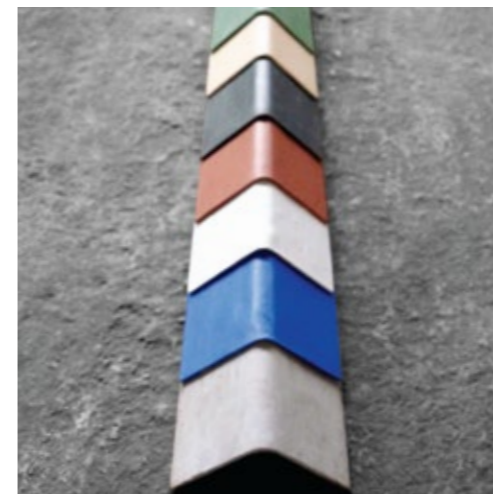
S-TYPE LOUVERS: BS13

Available in 3 m. & 1.75 m. lengths.
Commonly used in Monitor and North Light
roofs where ventilation is required by using
rows of S-type louvers.



CORRUGATED NORTH LIGHT CURVES: BS9

They are used at the apex of a North light roof.
The curved portion protects the glazing
from sun and rain.



BARGE BOARD: TS6/6 & TS6/8

Used to finish the verges of the roof.
They are also used to finish corners of
Asbestos cement sheet walling.

EPDM washers

Ethylene Propylene Diene Monomer (EPDM) is a high class rubber which can exhibit outstanding performance even in high temperatures.

- EPDM exhibits outstanding resistance to heat, ozone, steam and weather. It is also an electrical insulator.
- EPDM washer provides excellent anchoring on roofing sheet. The unique shape of the washer allows it to grip on all sides, along the curve of roofing sheet.
- Compression pressure is generated by tightening the nut. This pressure is sustained by dense rubber. The tight grip prevents leakage; thereby providing a leakage-free roof.
- Stainless Steel (SS) ring of on the washer is resilient to corrosion, extreme weather conditions, and shocks.
- The high quality and resilience of both, the rubber and SS ring makes Everest EPDM washer the ideal choice for industrial, commercial and residential usage.



About Everest Roofing

With a rich legacy of dependability and trust as the pioneers of fiber cement roofing in India, Everest is a brand that stands for innovation, quality, strength, and longevity. Today, Everest is reimagining roofing in India with a wide range of solutions, that include coloured roofing and the high performance roofing. Our wide range of innovative products serve varied needs of customers across retail, commercial and industrial sectors, consistently delivering on trust and value.

7000+
Dealers

1,00,000+
Villages

600+
Cities

1 Bn. sq.m.
Roofing products
installed across India



everest

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