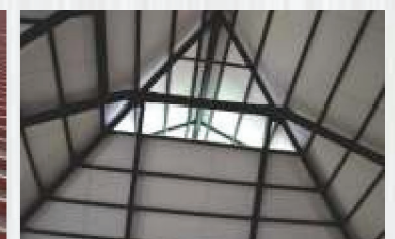
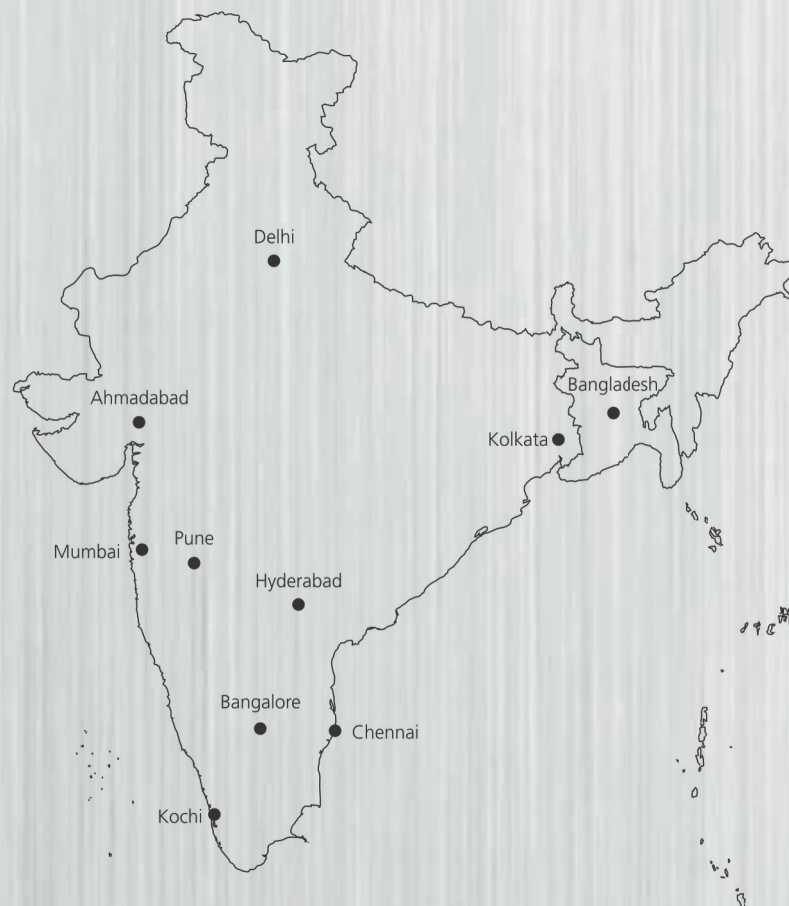


Say good bye to conventional roofing ...go energy efficient solutions



Rinac Presents Insulated Roofing Panels for Clean Modular Construction.

- Reduces Heat • Reduces Noise
- Prevents Leakage • Different Sizes & Colours



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COOLTOP/02-2014

Roofing panels that weather many a storm



Rinac's Cool Top pre-fabricated roofing panels are made of polyurethane foam (PUF) sandwiched between layers of waterproof and non-corrosive material. These pre-fabricated roofing panels are designed to withstand the quirks of nature and the vagaries of time.

Cool Top effectively restricts the transmission of heat by 5-6 degrees, and also absorbs and reduces the noise of rain as well. These roofing panels are aesthetically designed, sound-proof and weather-resistant. Being corrosion-free, these panels require low maintenance and durable in nature, making them a cost-effective roofing solution.

APPLICATIONS

- Warehouses
- Factory buildings
- Poultry pens
- Motels
- Service stations
- Highway hotels
- Educational Institutions
- Indoor Stadiums



FEATURES

Dimensional stability	< 1 per cent for -48h @ -30 °C
Working temperature	-90°C or +90°C
Adhesion strength	> 100 Kpa
Compressive strength	> 120 Kpa
Thermal conductivity	u= 0.020 W/ M 0 k
Metal laminates	Pre-painted galvanised steel (PPGS)
Insulation	Rigid PUF
Normal density	35-40 kgs/ m3
Joinery	Overlap joinery with stitch screw and EPDM washers
	Butyl sealants for leak-proof construction
Normal panel width	1000 mm
Panel length	Single panel up to 12000 mm



ADVANTAGES

Rinac, a leader with over 15 years of engineering experience in cooling and construction solutions brings you secondary roofing panels. A first-time concept in India, these panels:

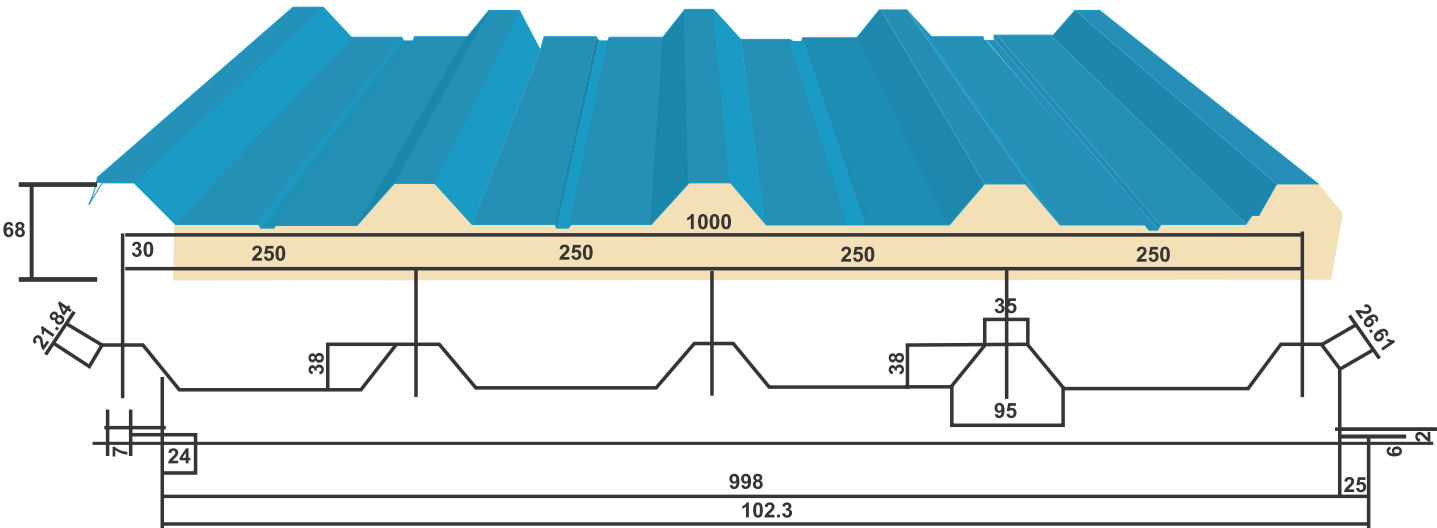
- Have hygienic surfaces
- Are light-weight and sturdily build
- Provide thermal efficiency for power economy
- Are easy to dismantle and relocate
- Have an acoustic insulation property
- Are eco-friendly, with CFC-free insulation
- Enable quick construction
- Ensure easy, neat, and clean site work
- Reduce room temperatures when used in high-ambient temperatures
- Are the most acceptable MOC for HACCP and FDA approvals

T mm	K Kcal m ² h °C	Panel weight kg/m ²	P P = (kgf/m ²)
30	0.43	10.3 kg	60 80 100 120 150
			4.80 4.30 4.00 3.50 3.75

ROOFING DATA SPAN ▲



Cool Top Engineering weather-proof comfort



Also available in 50mm

ROOFING PANEL SYSTEMS ▲