

# INTRODUCING INSULLA



# THE REVOLUTIONARY ROOF INSULATION TILE

Introducing Insulla Roof Insulation Tiles, designed specially to keep your home cool and pleasant. Made with unique Micro Encapsulated Phase Change Materials, it has the power to lower surface temperature by up to 20°C. Which not only keeps the heat out of your homes, but also brings down the use of Air Conditioners and electricity consumption.



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MAKE YOUR HOME THE HEAVEN  
IT DESERVES TO BE.

ONLY WITH INSULLA ROOF INSULATION TILES.

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## THE SECRET INGREDIENT:

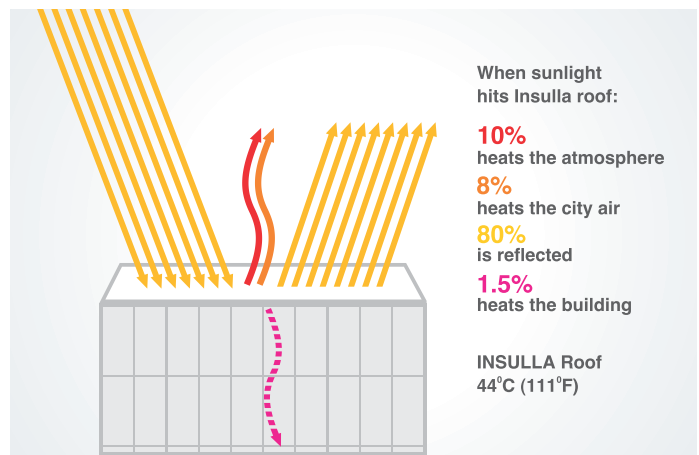
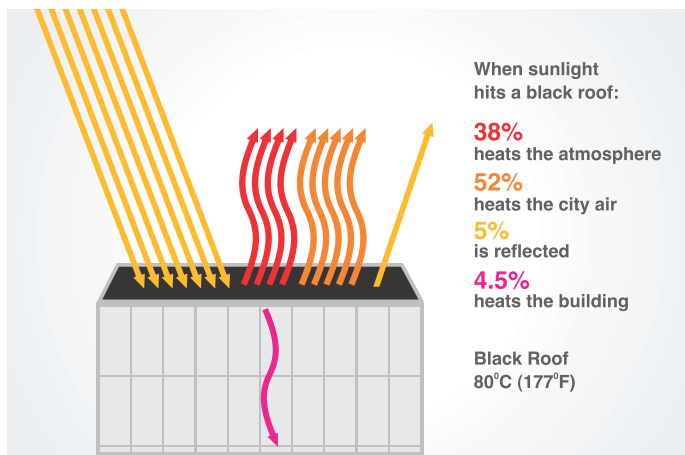


For the first time in the world, we have made roof insulation tiles better than ever with our specialised Cool Grit Granules. These granules absorb and store within them, the humidity from the air, cooling the tile and the surface below it, As the temperature rises, these granules release the water vapour, ensuring that the heat is not transferred below. This eco-friendly process also absorbs CO<sub>2</sub> and neutralises harmful Nitrogen Oxide present in the air, thereby acting as a natural air purifier.

### Normal roof tiles

VS

### Insulla Roof Insulation Tiles



## WHY INSULLA?

- Advanced Shell Lime Technology
- Reduces room temperature by 5°C to 8°C
- High solar reflective index of 92%
- Water resistant
- Anti-bacterial, anti-skid and washable
- Replaces lime terracing
- Cost effective
- Reduces use of AC and lessens CFC emission
- Reduces power consumption
- Light weight and high dimensional stability
- Durable and built to withstand considerable amount of load
- Provides smooth surface finish
- Smooth, glossy and adds to aesthetic appeal

## Physical Properties - INSULLA White Colour

Solar Reflective Index (SRI)	92
Reflectance	0.74
Emittance	0.93
Composition	Infrared Reflective in-Organic Mineral (Non degradable)
Abrasion Resistant	0.2mm to 0.3mm Max
Flatness	<1mm Max
Water Absorption	<6% (at sat. after 96 hrs)
Water Permeability	Water Resistant
Surface	Non-Skid
Unit Weight	2.9 Kg/Sq.ft
Standard Size	9" X 9"
Standard Thickness	15mm(+/- 1 mm)
Appearance	White
Polishing	Not Required

## Mechanical Properties

Flexural Strength (7 days)	45Kg/cm <sup>2</sup> (min)
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**JAPEVA**<sup>®</sup>  
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