

# Protect your Building from ‘Over Heat’

It is utmost significant to protect our buildings and the life of the roof of our buildings from the adverse effect of today’s weather conditions. High interior temperatures, water seepage and increased roof weight are the greatest challenges in construction of building roofs.

The only solution to these challenges is to use Roofplus cool roof tiles that comes in a range of colors which also provides aesthetic look to the roof “ said Mr.Balasubramanian, Director of Roofplus who is manufacturing and Marketing a leading brand cool roof tiles. RoofPlus has a great role to create awareness of Cool roof tiles in India.

**What is cool roof Tile? If it is required, why is RoofPlus?**

“A cool roof reflects and emits the sun’s heat back to the sky instead of transferring it to the building below. Roofplus tiles with titanium dioxide coating has 99% solar reflective index which makes the buildings cooler even in hot weathers and also which plays an important role in reducing global warming. Zero stain and zero water absorbent characteristics makes it very easy for roof gardening. Roofplus tiles are highly reflective and emissive materials that stay 50 to 60 degrees F cooler in hot summer , thereby reducing energy cost, cutting down

the maintenance costs, increasing the life cycle of the roof, and contributing to the reduction of urban heat islands and associated smog.

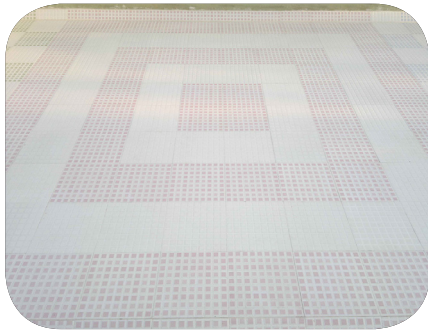
And you asked, why is Roof Plus? Yes. Nowadays, there are many Cool roof tiles in the market. Everyone and every tile has separate spec. But, the experts and professionals know that we are the pioneers in Cool roof tile.

Roofplus tiles are light weight with high strength. Lightweight yet exceptionally durable, RoofPlus Tiles are renowned for their modern, streamlined slate look which customers enjoy at a lower price than natural slate.



Mr.Bala

“ A team of University of California, Riverside’s Bourns of engineering students found that a roof tile coated with titanium dioxide when applied to an average-sized residential roof removes upto 97% of smog-causing nitrogen oxides and breaks down the same amount of smog-causing nitrogen oxides per year as a car driven 17,703 km. They calculated 21 tonnes of nitrogen oxides would be eliminated daily if tiles coated with titanium dioxide is layed on one million roofs. ”



RoofPlus Tiles requires minimal maintenance – a common problem for natural slate and terracotta tiling - and are easy to handle and install. Minimum of 3-5 mm space should be maintained between the tiles and Roofplus tile joint grout and Roofplus water repellent liquid has to be added in right proportion at the joints hence provide zero seepage of water, minimal heat transmission to the building and best bonding of the tiles. They have excellent weather-proof characteristics – including fire, hail and UV resistance - making them suitable for all climates and conditions.

Improves indoor comfort: Cool roofs lower the indoor air temperature in buildings that do not have air conditioning, promoting productivity and improves occupant comfort. Reduces electrical grid strain: The diminished demand for cooling energy will also moderate peak energy demand during heat waves and very hot summer afternoon, thereby decreasing the risk of power outages.

Roofplus tile is known for its long-term durability and longevity by being wind, hail and fire resistant. The raw materials used are 100% recyclable and come in a wide variety of approved cool roof rated colors.

Roofplus Tiles are manufactured from an ISO 9001:2008 & 14001:2004 certified company. Regarding colors we provide blue, green and pink in lighter shades. The increasing preference for light colors is due to their perceived energy efficiency benefits.

When people think about making their home more “green” or ecologically sustainable, cool roofing isn’t always the first thing to come to mind. However, certain green building programs, such as the Indian Green Building Council’s LEED, give credit for installing a cool roof. A products success is determined by the consumers and dealers of that product and the success of Roof plus

“Afforestation is the only solution for global warming however with the number of buildings growing the chances of reducing global warming is remote and hence cool roof tiles from Roofplus is the best solution for the present..”

Roofplus tile will not water spot, stains due to dust, smoke, grease, etc. and it can be removed as long as they are cleaned on a regular basis. You can power wash or use soap and water, a degreaser, etc to clean the tiles and they can handle humidity.

RoofPlus cool Roof Tiles are the alternative to traditional roofing system, roof garden buildings and other non habitable structures. This product is easy to install, easy to handle and has an attractive finish which also makes it excellent for rain water harvesting.

The aesthetic appeal of tiles with the choice of colors and patterns makes this product a popular choice for garden features such as green houses, studios, play areas and bespoke design garden buildings. Even a Small kid can stand and walk on the terrace floors at noon during hot Summer when you fix our Roofplus Cool roof tiles.

cool roof tiles has paved the way for world-wide expansion. So if, you are trying to save energy or make your home more environment-friendly, Roofplus cool roof tile is one way to achieve that goal ” quoted Mr.Balasubramanian.



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