



Hindusthan Tiles Hyderabad[®]



Congressor's Choice



TERRACE COOL TILES

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Cool Tiles - Reduce Temperature 5⁰C



THERMA SHEILD

Heat Resistant Terrace Cool Tiles

THERMAL PROPERTIES

Solar Reflectance (albedo)	= 0.81
Solar Emittance	= 0.932
Solar reflective index	= 102



Size: 12" x 12" x 18mm

NEED FOR THIS PRODUCT

We are aware of the problems posed by global warming power shortage and the need for adoption of Green Building Concept. The imperative need of the hour is to develop a product to protect us from radiation heat faced in the buildings from the RCC Roof. The radiation of Heat results in higher consumption of Electricity due to operation of Air conditioners for a longer period of time. In the case of Top Floors in Multi storage buildings, the builders are forced to provide false Ceiling besides offering discount in sale of the Top floor flats. The right answer to these problems lies in usage of right product to maintain comfortable level of temperature inside the buildings. "THERMA SHEILD" helps in answering many problems arising out of Heat Radiation.

PRODUCT

Therma Sheild made out of heat resistant ground minerals blended with inorganic compounds. Which will have high solar reflectance, high emissivity and low co-efficient of thermal expansion. Besides these the physical properties such as water absorption, abrasion resistant and wet transverse strength will meet the requirement of IS specification. Tiles will have normal surface with anti-skid property in WHITE COLOUR.

ADVANTAGE

- ❖ Using THERMA SHEILD will protect building from thermal impact.
- ❖ Saving in electricity consumption.
- ❖ Comfort level of temperature in building.
- ❖ Saving cost of weathering course.
- ❖ Cool in summer warm in winter.
- ❖ high durability.
- ❖ Helps builders in the sale of top Floor.
- ❖ No false Ceiling required in top Floor.
- ❖ Easy Maintenance.
- ❖ Glossy finish by polymer coating act as a water repellent and additional UV resistant.