



**BEAT THE
HEAT**



SHIPRA TILES

— THE NAME YOU CAN TRUST —



**The Wonder
Material**

Heat Resistant Terrace Tiles



ABOUT US

We are a renowned manufacturer of innovative tiles and blocks. Established in the year 1986, the company has come a long way and emerged as a winner surpassing all the challenges it has faced in the past. We believe in delivering the best quality products coupled with timely commitment which in turn confirms 100 percent customer satisfaction. The company has developed a manufacturing unit at the leading edge, backed by a sound and strong entrepreneurial spirit.

HEAT RESISTANT TERRACE TILES

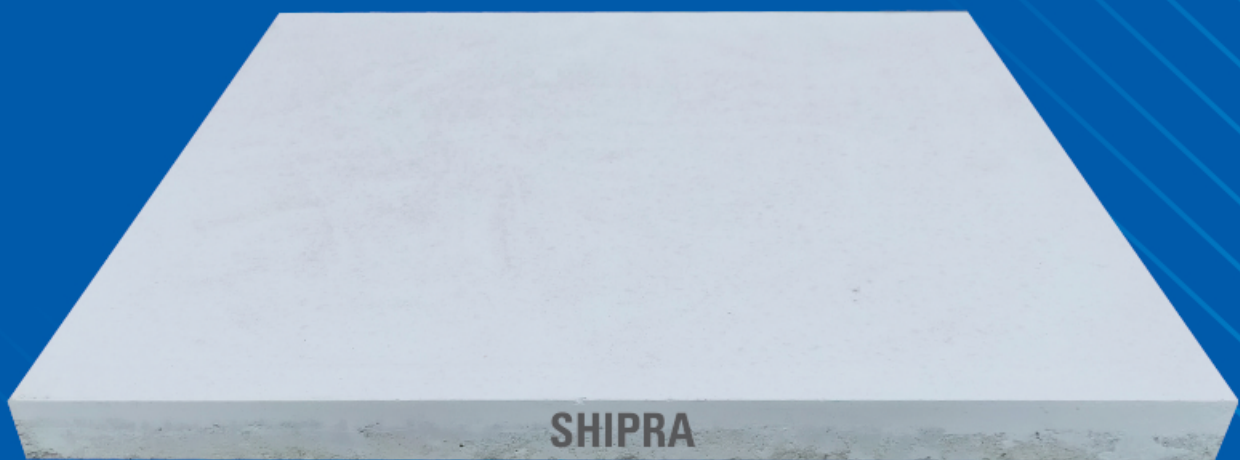
Shipra Tiles introduces for the FIRST TIME IN EASTERN INDIA, Heat and Water Resistant Terrace Tiles for plain concrete roof. It significantly reduces the roof's bottom surface (ceiling) temperature by 8 to 10°C. Shipra's Cool Roof Tiles is designed specially to keep your home cool and pleasant. Made with advanced technology, it has the power to lower the roof's surface temperature up to 20°C which not only keeps the heat out of your house, but also brings down the use of Air conditioners.

Shipra's Heat Resistant Tile is manufactured using high quality minerals which is effective in withstanding any climatic condition. The entire tile is made up of Twin bind technology which results in high flexural strength and high heat reflective nature. We have 2 variants of Cool Roof Tiles. Type-1 is **CERAMIC BASED** and Type-2 is **CEMENT BASED**.

Shipra's Heat Resistant Terrace Tiles is extremely easy to install and maintain, so just FIT & FORGET.

PRODUCT SPECIFICATION

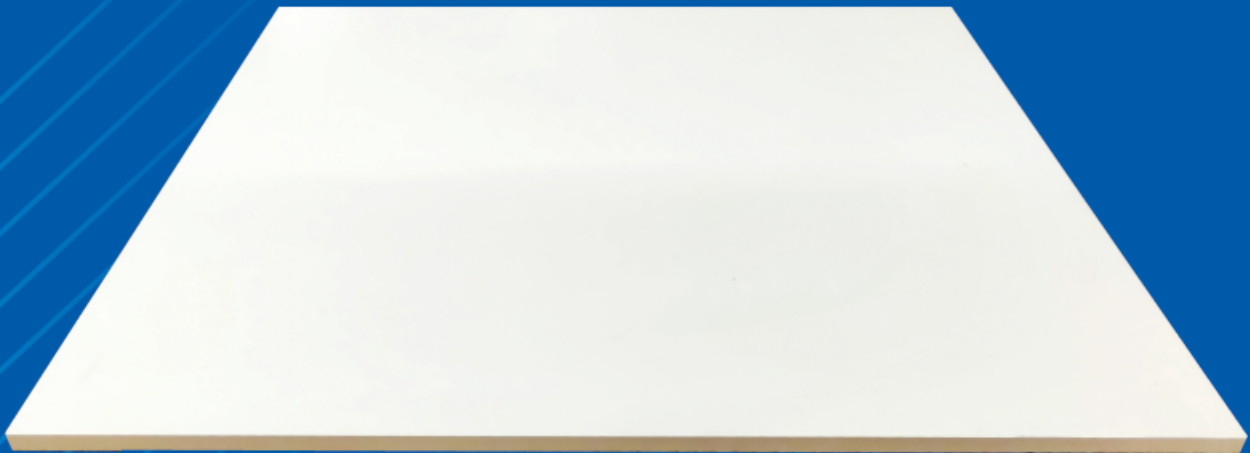
VARIANTS	CERAMIC BASED COOL ROOF TILES	CEMENT BASED COOL ROOF TILES
Colour	White	White
Size	300 mm x 300 mm & 396 mm x 396 mm	300 mm x 300 mm
Thickness	9 mm (+/- 1 mm)	20 mm (+/- 1 mm)
Water Permeability	Impervious to water	Impervious to water
Weight	1.5 kg / sft.	4 kg
Solar Reflectance Index (SRI)	98	100
Solar Reflectance	0.783	0.801
Thermal Emissivity	0.92	0.905



SOLAR REFLECTANCE INDEX (SRI) – 100

WHY SHIPRA'S COOL ROOF TILES?

- Excellent heat insulator (reduces the temperature of the ceiling by 8-10 degree Celsius).
- High S.R.I value - 100
- Saves big on electricity by lowering the usage of Air-Conditioner.
- You can comfortably walk bare footed on the roof.
- Proven energy efficiency, environmental responsibility and long term performance.
- Anti-Skid.
- Water Resistant.
- Eco-Friendly.
- Low Cost.
- Easy to install and it requires no maintenance.
- It extends the life of roof, since a cooler roof would tend to undergo less expansion and contraction. Thus experience less wear and tear under the sun.
- High Durability.

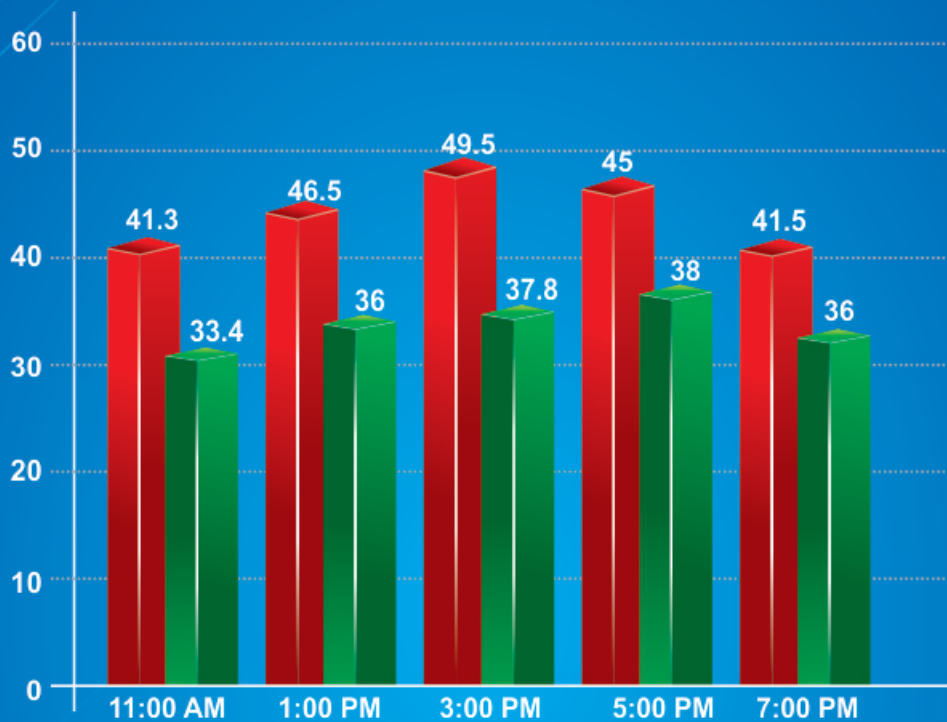


Comparison between the Temperature (in degree C) of the Ceiling

I. Where Heat Resistant Terrace Tiles is laid over the roof.

Vs.

II. Where Heat Resistant Terrace Tiles is not laid over the roof.



Atmopheric Temperature : Max - 42 deg C, Min - 28 deg C
wind : 7 Km/hr from East, Humidity : 41%

- Temperature of bottom layer (ceiling) of concrete roof
- Temperature of bottom layer (ceiling) of concrete roof above which Heat Resistant Terrace Tiles is laid.

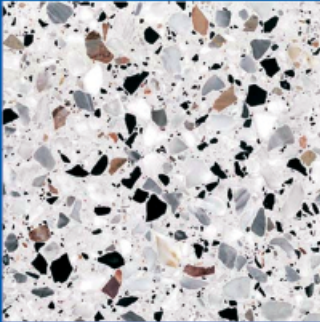


COMPARISON CHART

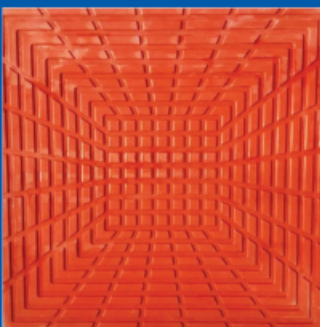
PARAMETERS	HEAT RESISTANT TERRACE TILES	LIME TERRACING	EARTHEN POT TREATMENT	BRICK BATS
Total Cost (including labour)	Rs.65-70/sqft	Rs. 110-120/sft	Rs. 100/sft	Rs.75/sft
Heat reduction	8 to 10 deg. C	4-5 deg. C	4-5 deg. C	2-3 deg. C
Dead load over the roof	4 times lighter than the alternatives	Extremely heavy	Very heavy	Very heavy
Ease of Cleaning	Very Easy	Difficult	Difficult	Difficult
AC usage	Low	Moderate	Moderate	High
Workability	Extremely easy to install	Extremely difficult	Very difficult	Difficult
Laying Time	5-7 days	20 days	20 days	15 days
Walking on it during day time	Very comfortable	Extremely Difficult	Extremely Difficult	Extremely Difficult



OUR OTHER PRODUCTS



TERRAZZO MOSAIC TILES : These are designer tiles which are used for flooring of both residential and commercial buildings. The use of marble chips in this product gives it a classy look. It can also be used on roof.



CHEQUERED TILES : These are used in road side pavements, Parks, Parking areas of Hospitals & Residential buildings. These tiles are very durable & easy to install and available in two different varieties i.e. Normal and Glossy.



WATERPROOF ROOF TILES : This is made to protect roof from water seepage. These are finished plain cement based tiles. Just fit it over the roof and there is no need of any additional layer of water proofing over it to protect the roof from moisture and water.



PAVER BLOCKS : These are heavy duty concrete interlocking blocks. Shipra Tiles manufactures these pavers to suite different application. Generally it is used where traffic is heavy, like Petrol Pumps, road side flanks, outside of the parking area of apartments and residential buildings.

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