

SHIPRA TILES

The Name You Can Trust

Intructions for fixing of Shipra's Heat Resistant Roof Tiles

- Ensure that the surface is waterproof.
- Make sure that the slope provided is adequate for quick water discharge.
- Prepare bed mortar mixture in the ratio of 1:4, cement to sand. Do not use very fine sand. The mixture should have some coarse grains also.
- Care should be taken to ensure that the bed mortar is properly mixed without lumps. Improper mixing leads to voids in the bed mortar, which might lead to cracking. The sand used should be free from silt and mud. The bed mortar should be compacted properly before tiles are laid. Improper compacting also leaves voids in the layer and is a cause for cracking of tiles and joints. The thickness of the bed mortar should be around 20 mm.
- Tiles should be laid with a gap of 3 mm between each other by using spacers. This gap will ensure proper filling of grout.
- The tile joints should be grouted with white cement and white marble powder mixed in the ratio 1:1. The water proofing material must be added with the grouting mixture.

- For skirting purpose, each tile must be cut into two and the edges chamfered using diamond cutting machine. The tile should be embedded in the parapet wall at the brick level and finished off with proper plastering.
- Since Shipra's Heat Resistant Tiles is a multi-layered tile, the mason should be instructed to handle it properly while laying. Hammering of tiles for leveling purpose should be done carefully. In case a tile cracks while leveling, the tile should be removed and used for skirting. Do not use cracked tiles while fixing. After completion of tiling, cure the entire area by ponding water for at least 3 days or proper spray curing at least 4 times a day. Ideally one week curing is recommended. Make sure the tiles do not dry up.
- Make sure that before polishing the tiles, the surface is completely dry.
- One hand polish to be provided on the tiles for evening out the surface and proper sealing of tile joints (only for terrazzo heat resistant tiles).
- Polishing the surface will prevent dust collection and algae formation.