



Suryshree Blocks
Private Limited
Committed to Quality



METHOD STATEMENT

SURYSHREE DIAMOND S1 578



APPLICATION AREAS

Suryshree Diamond S1 is a blended polymer modified cement based high performance Tile, Adhesive for fixing of Ceramics Tiles, Porcelain Tiles & Vitrified Tiles on Interior Floor, It is suitable for Ceramics Tiles, Porcelain Tiles on interior Wall.



SURFACE PREPARATION

Clean the surface and remove any uneven or loose material.

Surface to be tiled should be even, clean, and free from dust or other contaminants such as cement laitance, form release agent and curing compound that could impair adhesion.

For plastered surfaces make sure to brush off any plaster dust using stiff brush.

In case of moisture sensitive stone the maximum moisture content of the substrate shall not exceed 2% when measured by Carbide Hygrometer.

For highly absorbent surface, make sure to prime the surface with Primer or shall be dampen and remove excess water.



MIXING

Pre measure 4.6 - 4.8 liters of clean water per 20kg of Suryshree Diamond S1, as per 23-24% ratio by weight, and pour into a suitably sized container.

Suryshree Diamond S1 shall be mixed using a heavy duty slow speed drill at a low speed not to exceed 500 RPM fitted with a mortar mixing paddle.

Slowly add the powder to the water and continue mixing for minimum of 4-5 minutes in order to obtain a homogenous, creamy and lump free paste.

Stop mixing for five minutes and re-mix for further 1 minute, the paste is ready for use.



REQUIRED EQUIPMENTS

Slow speed mixing drill fitted with mortar mixing paddle, Adequate power source, Flat trowel / Scraper / Spatula or filling knife, Notched trowel, Clean water, Clean rust free and empty buckets, Rubber mallet.



INSTRUCTION FOR USE

- The surface to be tiled should be sound and thoroughly cleaned to make it free from dust wax, grease, polish etc
- Pre measure 4.6 - 4.8 liters of clean water per 20kg of Suryshree Diamond S1, as per 23-24% ratio by weight, and pour into a suitably sized container
- Always put powder into water & mix it using a heavy duty slow speed drill at a low speed not to exceed 500 RPM fitted with a mortar mixing paddle
- Pre-wet tile and wait till it is dry. Pre-wetting is not required for vitrified/porcelain tiles
- Spread the paste to a thickness of approximately 4-8mm and comb with a notched trowel
- Ensure to apply the adhesive paste which can be tiled within 20 minutes
- Start placing the tiles on the surface to be tiled Tap the tiles properly with rubber hammer to ensure complete coverage of the backside of the tiles and to eliminate any possibility of air voids.
- Keep joints between two tiles using the spacers Allow tiling to set for 24 Hours
- Always use Notched Trowel for the better results