B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-ADHESIVE

(Highly Flexible Tile Adhesive.)

DESCRIPTION

HI-adhesive is a polymer modified cement based high quality tile adhesive used for the permanent fixing of ceramic tiles, marble and Natural stones.

ADVANTAGES

- High strength for fixing of Marble, Ceramic tiles and Natural stones.
- Easy application on old tiles.
- Block work and rendered brick work surfaces. High polymer content providing good flexibility Long pot and open time.
- Water-resistant is excellent Non-Toxic, easy to apply.

TECHNICAL DATA

Form	: Powder
Working time at 20ºC	: 90 minutes
Working time at 35ºC	: 30 minutes
Compressive Strength	: 38 N/mm² @ 28 days (ASTM C 109)
Tensile Strength (BS 6319 : Pt 7)	: 3 N/mm² @ 28 days

APPLICATION

Hi-Adhesive is spread not more than 1 sqm at a time on the substrate to a uniform thickness. Combed the surface horizontally with a suitable trowel.
Place tiles firmly into adhesive bed, ensuring good contact with a twisting motion.
It is recommended that when fixing ceramic tiles, a minimum spacing of 2mm be left around each tile.

Remove excess adhesive with a damp cloth before material has set. Joint grouting with Hi-Grout may be commenced 24 hours after tiles have been laid.

INSTRUCTIONS FOR USE

Surface preparation: The surface being adhered must be clean, firm and free of dust, dirt, oil, grease and other barrier materials.

Hi-Adhesive can be applied directly on concrete, cement screeds, and cement or lime mortar. Special attention must be given to new construction prior to commencing tiling.

Tiles should not be placed on concrete or brickwork until all shrinkage movement has taken place.

To use Hi-Adhesive on gypsum or gypsum board substrates, Hi-Tile should be applied to the surface of the gypsum or gypsum board prior to application of Hi-Adhesive.

Mixing: Hi-Adhesive powder is added to clean potable water and mix until a uniform, lump- free consistency is achieved. A slow speed drill fitted with a suitable mixing paddle is recommended for mixing.

PACKING

Hi-Adhesive is available in 20 kg bags.

SHELF LIFE

Hi-Adhesive has a shelf life of 12 months if kept in a dry store in the original, unopened bags.

STANDARD COMPLIANCE

HI-ADHESIVE complies with **IS 15477:2019.**

This Product is Formulated and Labelled and Commercial use only

For Best Results and Safest Usage, User is Specialty Directed to Consult.

Product Warranty: All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, HI BOND warrants its products to be free of mfg. Defects and that, at the time and place of shipment, our material will meet current published physical properties when applied within HI BOND'S directions and tested in HI BOND'S standards. HI BOND'S facility is limited to replacement of material found to be defective. As HI BOND has no control over the u e to which others m ay put its products. It is recommended that the product be tested to determine if suitable for a specific application and / or our inform at ion is valid in particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, applications and proper installation of each product. Nothing contained herein shall be construed to be a recommend at on to use or as a license to operate under or to infringe any existing patents.