



HIND FIX TA (L)

PRODUCT DATA SHEET

HIGHLY CONCENTRATED MODIFIED POLYMER BASED WATERPROOF LIQUID TILE ADHESIVE

DESCRIPTION

Hind Fix TA (L) is a modified polymer based highly concentrated, waterproof liquid tile fixing adhesive used in conjunction with white/grey cement for both interior and exterior filling works. It enhances the compressive and flexural strengths with the dimensional stability and also makes the tile joints fully impermeable to water and resists it from flaking and cracking.

USES

For the permanent fixing of all sizes and types of ceramic tiles for domestic flooring in bathrooms, roof, terraces, kitchen, water tanks, staircases and laundries. It can also be used to fixed glazed surfaces, vertical claddings and terrazzo tiles.

For Industrial flooring it can be used in large exhibition halls , hotels, shopping malls, Pharmaceutical factory, shops , school & colleges, swimming pools ,warehouses, bridges, dam, canals, laboratories, basements, tunnels, pavements , car parking space, dado areas, footpath and subways etc.

ADVANTAGES

- Easy to use for fixing vertically and horizontally located tiles.
- Strong bonding with concrete substrates.
- Excellent water proofing characteristics.
- Self-curing, shrinkage proof and non-sagging.
- UV stable and develops good workable strength with 24 hours.
- Safe and eco-friendly. Anti fungal & anti-bacterial
- Soaking of tiles is not required which improves the mechanical properties of finished floors.
- Non- inflammable and cannot be charged electrostatically.

APPLICATION

Surface/Substrate Preparation

All surface/substrates must be fully cured for 28 days, tough and solid, structurally sound, crack less, free from oil, grease, wax and laitance and should be completely dry. Adequate curing of the cementitious substrates should be done during the hot season to avoid shrinkage after the ceramic tiles are installed. Surface exposed to sunlight and hot is to be cooled by spraying water before installation of tiles.

Mixing

Mix **50Kg** white/grey cement as per requirement, **500 gms Hind Fix TA (L)** and **20 Litres of clean** water and keep stirring for **5-6 minutes**, to obtain a smooth and lump free paste. Now the material is ready for application. For proper adhesion a thin layer of **4mm-5mm** thickness is to be applied on the back side of the tiles ensuring recommended coverage and placed over the substrate by the flat edge of the notched trowel. It has to be ensured that there is no air entrapped while application of the paste. Tiles can be readjusted upto 40 minutes. Use of mechanical clamps are very essential for heavy tiles fixing on vertical surface.

Fixing of tiles

Tiles are not required to be made wet before fixing. Tiles to be fixed under adequate pressure in order to get an economical coverage of the adhesive.

COVERAGE

3-4 Kg/Sq. Mtr. for 3mm thickness.

PROPERTIES

Aspect	Bluish Pasty Liquid
Base	Modified Polymers
Mix Ratio	1: 100:40 (1 gm Hind Fix TA (L) : 100 gms Cement : 40 ml water)
pH	8-9
Application Temperature	Ranging between + 25 ⁰ C to + 37 ⁰ C
Open Time	> 40 minutes after mixing with cement at 30 ⁰ C
Curing Time	Self curing 7 days at 30 ⁰ C
Trafficable Time (Foot traffic)	After 24 hours
Tension Adhesion Strength (After 14 days)	Cement: 48.2N/mm ² / Cement + Hind Fix TA(L): 55N/ mm ²

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 50⁰ C (Max.).

PACKING

500gm, 1Kg, 5 Kg, 10 Kg, 10 Kg & 20 Kg Plastic container.

HANDLING PRECAUTION

Hind Fix TA (L) is non-toxic and ingestion is to be avoided. If contact with eyes occurs, wash well immediately with water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

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