



# HIPPO BOND

— Tile & Stone Solutions —

## Tile Fix H-2 Data Sheet

### Description

- Tile Fix H-2 is a polymer-modified, cement-based tile adhesive designed for fixing vitrified tiles in both internal and external applications. It's engineered for thin bed use, offering exceptional bond strength, durability, and ease of use.

### Specification

- Type:2 C2T (based on IS 15477 AND EN 1348 standards).

### Features & Benefits

- Excellent Bond Strength
- No Shrinkage
- Nil Wastage
- Single Component – No mixing hassle
- High Slip Resistance
- Easy to Spread
- No Curing Required
- Consistent Quality

### Areas of Application

- Tile Fix H-2 is recommended for fixing vitrified tiles on the wall and floor. It is also recommended for tile-on-tile.



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## Method Of Application

- Fixing vitrified tiles
- Tile-on-tile applications
- Vertical and horizontal surface applications

### Surface Preparation

- Prepare the surfaces before the tile adhesive application by removing oil, bond-inhibiting agents, dirt, dust, and laitance. The cleaning can be carried out using suitable methods such as wire brushing, water jetting, mopping, etc.
- Tile Fix H-2 is recommended over vertical surfaces, and Tile Fix H-2 for horizontal floor areas to level the surface in case of higher undulations or for any repair works, to attain a flat, stable, and normally absorbent background prior to Tile Fix H-2 application.

## Mixing

### Mixing Instructions:

- Mix 4 parts tile adhesive with 1 part water (25% by weight)
- Use a mechanical stirrer for 2–3 minutes to achieve lump-free consistency
- Let the Tile mix stand for 2 minutes, then remix before application.

**Note:** Do not add extra water to alter consistency or extend pot life



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## Application

- Apply the mixed Tile Fix H-2 to the prepared substrate using the appropriate notch trowel for the size of the tiles being laid.
- A minimum of 3 mm bed thickness of tile adhesive for walls and a minimum of 3 mm for floors must be achieved.
- Lay tiles onto the adhesive, firmly press the tile onto the adhesive to ensure good initial bonding, and do not disturb tiles until the adhesive has set
- No pre-wetting of tiles is required while using Tile Fix H-2.
- It is recommended to fix the tiles within 30 minutes of spreading of Tile Fix H-2 to achieve adequate bonding as per the technical data provided.
- Any tile fixing performed after 30 minutes may lead to improper adhesion and could result in tile debonding.
- For vertical area applications, tiling should start from bottom to top.
- For tile-on-tile, tile-on-old cement floor application, care should be taken to prepare the existing base with adequate interlocking friction effect by removing polish/wax/top smooth layers.

## Technical Data

TECHNICAL PARAMETERS (AS PER IS 15477)

BULK DENSITY	1450-1550 KG/M3
WATER POWDER RATIO	25%
POT LIFE	1 HOUR
OPEN TIME	30 MINUTES
ADJUSTABLE TIME	30 MINUTES
USAGE TIME POST APPLICATION	24 HOURS
COMPRESSIVE STRENGTH@28DAYS	7-8 N/MM2
SLIP RESISTANCE@20KG/M2	0MM
COVERAGE@3MM PER KG	4 SQ.FT.



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Technical parameters (as per is 15477)

SHEAR ADHESION	STD.AS PER IS15477
DRY CONDITION@24HOURS	3.5 - 4.5 KN
Dry conditions 14 days	10 - 10.5 KN
Wet conditions	4.5 - 5.5 KN
Heat ageing conditions	4.5 - 5.5 KN

Tensile adhesion@28 days	N
Dry condition	750 - 850 N
Wet condition	550 - 650 N

## Packaging

- Available in 20 kg bags

## Shelf Life

- Tile Fix H-2 has 12 months from the date of manufacture when stored in a cool, dry place.



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## Precautions

Not suitable for:

- Flexible substrates (e.g., plasterboard, timber)
- Direct tiling on glass, metals, plastics, or polyurethane membranes
- Moisture-sensitive tiles or stones
- Avoid application in temperatures below 5°C or above 50°C
- Avoid extreme hot or windy conditions during application

## Notes

- Allow 24 hours before using tiled surfaces
- Lower temperatures (<20°C) may require longer curing time
- Performance may vary due to climatic conditions & site practices
- Always conduct a trial before full-scale application

## Safety Directions

- Non-toxic and non-flammable
- Use gloves and goggles while handling
- Rinse with water if in contact with eyes or skin
- Seek medical advice if irritation persists

## Disclaimer

- Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full-scale usage.
- There is no implied guaranty/warranty for the results and the company is not liable for any consequential damages.

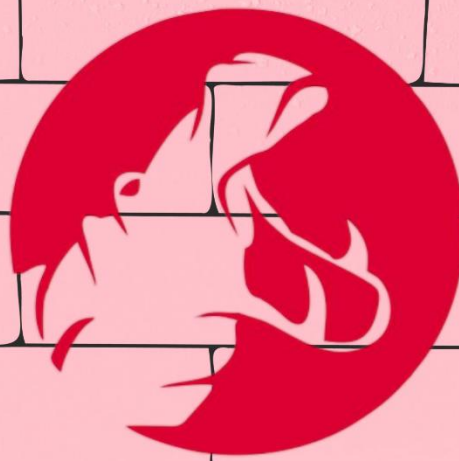


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## Areas Of Application

Areas	Application
Walls	Yes
Floors	Yes
Interiors	Yes
Bricks	Yes



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