

# TILEFIX-WT

Polymer Modified Wall Tile Adhesive

**TILEFIX-WT** is a polymer-modified adhesive designed specifically for wall tiles in interior and exterior applications. It is ideal for vertical (wall) installations over cementitious substrates. Supplied as a dry-mix mortar, it requires the addition of water prior to application. This adhesive is highly effective for fixing ceramic and vitrified tiles, as well as heavy marble and granite, even on dense and smooth concrete surfaces.

## Key Features

1. Suitable for fixing ceramic tiles PVT & GVT for floor & wall.
2. Polymer-modified adhesive.
3. Good strength for interior situations.
4. Easy mixing & application.
5. NSA SILVER meets the adhesion requirements of ISO 9001:2015 "Specification for Adhesive for use with Ceramic PVT & GVT Tiles."
6. Self-curing properties, which allows for no-hassle application with minimum labor.
7. The free-flowing product makes it easier to mix and apply.
8. No-sag formula: provides hassle-free application on vertical walls, without any slippage.
9. Very low shrinkage prevents de-bonding and gives longer life to tiles.
10. Useful for bed thickness of 3-10 mm; may go up to 15 mm to a limited extent, as per required applications.

## Applications

1. Bathroom wall Tiles
2. Home wall Tiles
3. Swimming Pools Tiles

## Chemical Base

Portland cement, polymers, and selected aggregates.

## Shelf Life

18 months from date of production.

## Storage Conditions

The product must be stored in original, unopened, and undamaged sealed packaging in dry conditions at temperature between +5 °C and +35 °C.

## Tensile Adhesion Strength

≥ 0.5 N/mm<sup>2</sup>

EN 12004-2 / ISO 13007-2

## Mixing Ratio

Packing	Water to powder ratio by weight	Quantity of water per bag
20 kg	0.22-0.24	4.4-4.8 L
40 kg	0.22-0.24	8.8-9.6 L

## Fresh Mortar Density

1.8 ± 0.2 kg/L

## Layer Thickness

3 mm min.

## Ambient Air Temperature

+5 °C min. / +45 °C max.

## Substrate Temperature

+5 °C min. / +45 °C max.

## Maturing Time

15 minutes

## Pot Life

110 minutes

(EN 12004-2 / ISO 13007-2)



## Open Time

> 10 minutes	(EN 12004-2 / ISO 13007-2)
--------------	----------------------------

## Adjustability Time

8 minutes

## Applied Product Ready For Use

Use	Waiting Time
Grouting Floors / Walkable	24–36 hours
Grouting Walls	4–6 hours
Full Traffic	14 days

Values determined at laboratory conditions: 23 °C ± 2 °C, R.H. 50 % ± 5 %. Higher temperatures will reduce the indicated waiting times, lower temperatures increase them.

## Important

Protect from adverse weather conditions, such as extremely high or low (freezing) temperature, rain, for at least 12–24 hours from application.

## Consumption

Consumption is dependent on the substrate, surface profile, roughness, and application technique. As a guide for a single adhesive layer:

Size of Tiles	Notched Trowel Size	Powder Consumption
Small	6 mm	4.0–4.5 kg/m <sup>2</sup>
Medium	8 mm	5.4–6.0 kg/m <sup>2</sup>
Large	10 mm	7.5–8.0 kg/m <sup>2</sup>

## Coverage

Pack	Area Covered
20 kg	34–40 sqft for 3 mm thickness
40 kg	70–80 sqft for 3 mm thickness

## Cleaning Of Tools

Clean all tools and application equipments with water immediately after use. Hardened / cured material can only be removed mechanically.

## Mixing

1. Pour the recommended amount of clean normal water into a suitable, clean mixing container.
2. Slowly add the powder to the water and then mix thoroughly using a low speed (< 500 rpm) drill mixer until the material is fully mixed and lump free. Avoid entraining air into the mix by over mixing.
3. Allow the product to 'mature' for 3–5 minutes before remixing for 30 seconds.
4. The finished mix has a creamy consistency, uniformly colored and is easy to apply and spread.

## Application

### IMPORTANT

Avoid application in direct sunlight and/or strong wind / draughts.

1. TILEFIX-WT is applied using a suitable square notched trowel. Apply adhesive to the prepared fixing surface with the appropriate trowel and comb to the required bed thickness. Coverage on the back of the tiles should be 100 %.
2. Tiling must be carried out on freshly applied adhesive, exerting adequate pressure to ensure complete and uniform contact with the adhesive for optimum bond.
3. If a skin forms on the surface of the adhesive, immediately remove the adhesive layer with the trowel, discard material and apply a fresh layer of Tile Fix-WT adhesive.
4. Adjust tiles if required.
5. Clean off surplus adhesive from the tile face and between the tile joints before the adhesive has dried.
6. After the required waiting time apply the appropriate grout into the tile joints.
7. Tile-fix WT is ideal for laying absorbent ceramic and vitrified tiles up to 900 cm<sup>2</sup> (e.g. 30 × 30 cm), for indoor application only. Tiles > 900 cm<sup>2</sup> (e.g. 30 × 30 cm), the double-spreading (buttering) technique is always recommended.

### MFD AT:

### BRIJ ADDITIVES (P) LTD.

MAYADEVI GAUNPALIKA - 5

BHAIRAHAWA, RUPANDEHI - NEPAL

FOR COMPLAINT/QUERY/INFORMATION,  
WRITE TO US AT BRIJ ADDITIVES (P) LTD.

MAYADEVI GAUNPALIKA-5,  
BHAIRAHAWA, RUPANDEHI-NEPAL

CALL US ON : +977-71-412050,  
+977-9801890555, +977-9802670130  
(SUNDAY TO FRIDAY)

EMAIL: info@brijadditives.com

WEBSITE: www.brijadditives.com