



Substrates subjected to cementitious screed, plaster, concrete masonry, blocks, RCC, self levelling screeds, cementitious waterproofing, gypsum plaster\*, and tile-on-tile on tile and stone.



## Product description

**weberset fastfix** is a fast setting, highly polymer modified, high performance thinset adhesive, for fixing tiles, stones and mosaics, on a variety of surfaces, for wall and floor application, in internal as well as external area. It is designed for installation of tile & stones for overnight repair, renovation and faster fixing, supplied as a dry mix mortar, to which water needs to be added before application.

## Features and benefits

- Highly polymer modified: provides high structural adhesion, which allows to be used on a variety of substrates, for fixing a variety of tiles and stones.
- Faster installation of tile and stone due to quick setting and hydration time.
- No Hacking of substrate required to achieve the required bonding.
- For overnight repair and renovation of tiles and stone in restaurants, food chain outlet, supermarkets, malls, hospital, airports, metro station etc.
- Due to fast setting & hydration time allows grouting on wall & floor from 3- 6 hours.
- Can be used for new construction, as well as for renovation over existing floors for tile-on-tile application/facades.
- Internal and external use.
- Light foot traffic after 3- 6 hrs and completely cured after 24 hours of tile & stone installation.
- No sag formula: allows for hassle free application on vertical walls, without any slippage.
- Self-curing properties, which allows for no-hassle application, with minimum labor.
- Free flowing product, makes it easier to mix and apply.
- Water resistant, making it suitable for swimming pools, bathrooms, kitchen, saunas, and spa.
- Sustains heat ageing, making it ideal for high temperature locations for outdoor use, and also for hot temperature applications, like Jacuzzi,

sauna etc.

- No shrinkage, prevents debonding, and gives longer life to tiles and stones.
- Useful for bed thickness of 3 - 6 mm. May go upto 10 mm in limited extent.

## Area of application

Refer Tile/Substrate sheet for details.

## Compliance / Standards

Specially formulated as per the requirements C (Cementitious) 2 (improved), F (Fast setting) and T (Slip resistant) of ISO 13007 and EN 12004. Also complies to IS 15477 (Type 2) and ANSI A118.15

## Limitations

- Do not use on wet screed or plaster. Surface must be fully cured.
- Do not use on gypsum plaster or boards, fibre cement boards, or other drywall partitions.
- Do not use on epoxy or polyurethane water proofing.
- Do not use for Installing glass tiles or metal tiles.
- Use only weber bond poxy, for fixing glass and metal tiles.
- Do not use on metal, rubber, plastics, vinyl, linoleum surface, painted substrates. Contact weber representative for fixing these.
- Do not use on surfaces subject to vibrations. Use weberset flex for vibration prone areas.
- Do not use for fixing artificial stone or impregnated stone. Use weberset ultra for the same.

## Method of application

### Preparing the substrate

- Clean the substrate of oil stains and bond inhibiting compounds, dirt, dust and laitance, if any, using high pressure water jet or any other suitable method.
- Ensure that the substrate is flat, stable, well adhered and has a normal absorption.
- Concrete screeds, renders and block work should be cured sufficiently to avoid the

shrinkage cracks.

- Correct the local undulation/damage on the substrate at least 48 hours before the application of weberset fastfix.
- Saturate the surface well and remove excess water before application of weberset fastfix.

**NOTE:**

- In case of higher undulation, a neat coat of SBR LitX to be applied on the substrate, followed by application of latex modified plaster, to smoothen the surface. (Refer technical datasheet of weber SBR LitX for further details) In case of oil stains use of surfactants may be necessary, followed by proper cleaning with water, to avoid debonding of tiles.
- For repair and renovation ensure no loose particles are left over, surface properly cleaned, area to be properly barricaded, avoid service movements before full cure.
- Leave expansion joints of at least 10 mm thickness, every 20 feet in the substrate. Do not cover expansion joints with adhesive, and can be filled with appropriate flexible sealant.

**Preparing the mix**

- Gradually add 2.5 parts of Weberset fastfix to 1 part of clean water (by volume) and mix it to a lump free, smooth, workable paste using a suitable stirrer / low speed drill mix / or any other appropriate tool.
- After mixing allow the mixture to stand for 2 minutes for it to mature.

**NOTE:**

- Do not attempt to extend the pot life by adding more water to the mix.
- Do not add any additional substance, like cement, sand etc. to the mix. These may adversely, effect the performance of the product.

**Applying the mix**

- Apply the adhesive onto the substrate covering up to 1 m<sup>2</sup> at a time (or no more than can be tiled

within 10 minutes). Unfavorable weather conditions (strong sun, dry wind, high temperatures, etc.) or a highly absorbent substrate can reduce the open time, even to just a few minutes. It is therefore necessary that careful checks be made to ensure that a skin does not form on the surface of the spread adhesive. If not, re-freshen the adhesive by re-spreading with a notched trowel.

- It is not recommended to wet the adhesive with water once a skin has formed because, instead of dissolving the skin, the water will form an anti-adhesive film.
- Apply weberset fastfix over the surface using the straight edge of the notched trowel and then comb the applied adhesive using the notched side of the trowel to achieve the desired thickness.
- Double buttering is recommended for heavier stones.
- If the adhesive is buttered to the tile, then ensure proper coverage of the tile surface to evade voids.
- Ensure adequate gap or use spacer in between subsequent stones/tiles to accommodate thermal expansion and contraction.
- Joint width shall be as per recommendation of architect/site engineer.

**NOTE:**

The size of the notch trowel and the angle of application will determine the bed thickness as per the following formula:

$$\text{Bed Thickness} = \frac{N_w \times N_H \times \sin \theta}{(N_G + N_w)}$$

Where:

NW is the width of the Notch

NG is the Gap in between the notches,

NH is the Height of the notch, and

θ is the angle of application

**Installing the tiles**

- Clean the stone/tile with water before



## installation

- Bed the tiles firmly into the adhesive with a slight sliding and/or twisting action/shear, to ensure a good and uniform contact.
- It is good practice to lift an occasional tile after fixing, to verify that the required contact is being achieved.
- In wet areas, external areas and all floors, the final adhesive bed should be free from voids.
- If necessary, tiles should be adjusted, within 5 - 8 minutes of installation.
- Carefully clean off any excess adhesive from the tiles and joints with a damp sponge or cloth before it sets. Leave for at least 3 - 6 hours before grouting.
- More time may be required before grouting in case of higher bed thickness or when tiling onto impervious or sealed surfaces.
- For swimming pools, leave at least 2 days before grouting and then a further 7 days before filling.

## NOTE:

- Do not exposed to rain after immediate installation, prevent minimum 12 – 14 hours from strong

## Note to specifier

- To use on gypsum plaster, ensure priming is done with Weber primer 401
- Use Weber primer 401, corner treatment with Stickon tape and two component weber water-seal 321 for comprehensive waterproofing, before application of weberset fastfix, where required.
- In case of highly dusty or porous substrate, apply 1 coat of Weber primer 401.
- To prevent any discolouration of Natural stone, treat with under-tile impregnator webersys Stone Protect.
- To get excellent stain resistance on stone, use hydrophobic and oliophobic impregnator webersys stoneseal.
- To match joint with the color of tile/stone, use weberepox easy available in more than 12 colors. To get invisible joints between stones, fill with specially formulated Weber Pearl Armor™ specialty grout.
- To get high aesthetic appeal, fill joints with Weber Knight Armor™ specialty grout.

## Tile/Substrate application table

Substrate Type	Substrates	Ceramic tiles	Terracotta	Ceramic mosaic	Quarry tile	Vitrified tiles	Glass mosaic	Marble mosaic	Natural stone	Porcelain tiles	Pavers	Brick	Precast terrazzo
Cementitious	Cement-based screeds and mortars	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cement-based plasters/renders	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Existing floor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Concrete Masonry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cement Terrazzo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Blocks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Self Leveling Screeds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Waterproofing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Others	Brick Masonry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Gypsum plaster	★	★	★	★	★	★	★	✗	★	✗	✗	★
	Underfloor Heating installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓
Tiles	Ceramic tile	✓	✓	✧	✓	✓	✧	✧	✓	✓	✗	✗	✓
	Vitrified tile	✓	✓	✧	✓	✓	✧	✧	✓	✓	✗	✗	✓
	Stone	✓	✓	✧	✓	✓	✧	✧	✓	✓	✗	✗	✓

✧ Without plastic mesh

★ With Primer 401

## Grouting and sealing

Joints to be grouted after 3 - 6 hours of application of weberset fastfix on wall & floor using weberepox easy. It can also be grouted with weber.color dewdrop™ along with weber groutadd™. In case of low humidity, high temperature, and even application of 3 mm bed thickness, can also be grouted in 3 hours.

## Ready for use

Surfaces are ready for use, after 24 hours, post completion of grouting.

## Coverage

Approximately 1.4 – 1.5 kg/sq. m per mm of thickness  
NOTE: Ensure all surfaces are clean, smooth and plum, leveled, free of defects, and without undulations for maximum coverage.

## Technical Standards and performance

### ISO 13007 and EN 12004

Classification	Property	Requirement	weberset fastfix
C2 - Improved cementitious adhesives (additional characteristics)	Tensile adhesion strength	≥ 1.0 N/mm <sup>2</sup>	1.36 N/mm <sup>2</sup>
	Tensile adhesion strength after water immersion	≥ 1.0 N/mm <sup>2</sup>	1.29 N/mm <sup>2</sup>
	Tensile adhesion strength after heat ageing	≥ 1.0 N/mm <sup>2</sup>	1.21 N/mm <sup>2</sup>
T - Slip resistance	Slip	≤ 0,5 mm	No slip
F - Fast setting	Tensile adhesion strength	≥ 0,5 N/mm <sup>2</sup>	0.53 N/mm <sup>2</sup>
	Tensile adhesion strength with open time of 10 mins	≥ 0,5 N/mm <sup>2</sup>	0.65 N/mm <sup>2</sup>

### ANSI A118.15

Classification	Property	Requirement	weberset fastfix
Glazed Tile Shear Strength	7 day dry	≥ 450 psi ( 3.1 N/mm <sup>2</sup> )	3.22 N/mm <sup>2</sup>
	7 day water immersion	≥ 250 psi ( 1.7 N/mm <sup>2</sup> )	1.85 N/mm <sup>2</sup>
Impervious Mosaic (Porcelain) Tile Shear Strength	1 day	≥ 100 psi ( 0.69 N/mm <sup>2</sup> )	0.73 N/mm <sup>2</sup>
	7 day dry	≥ 300 psi ( 2.07 N/mm <sup>2</sup> )	2.58 N/mm <sup>2</sup>
	28 day dry	≥ 400 psi ( 2.8 N/mm <sup>2</sup> )	2.91 N/mm <sup>2</sup>
	7 day water immersion	≥ 200 psi ( 1.38 N/mm <sup>2</sup> )	1.43 N/mm <sup>2</sup>
Quarry Tile shear Strength	28 day dry	≥ 150 psi ( 1.03 N/mm <sup>2</sup> )	1.17 N/mm <sup>2</sup>

## Product details

Physical state	Powder
Colour	Grey
Bulk Density	1.25 to 1.4 gm/cc
Mix Density	1.7 to 1.8 gm/cc
Mixing Ratio (powder to water)	2.5 : 1 by volume
Pot life	20 mins
Open time	12 mins
Adjustability time	8 mins
Ready for grouting on walls	3 hours
Ready for grouting on floor	6 hours
Set to light foot traffic	3- 6 hours
Ready for use	1* days

*\*Tested at standard lab conditions and may vary based on site conditions*

## IS 15477 : 2004

Classification	Property	Requirement	weberset fastfix
Type 2 Adhesive: based on fixing tiles of apparent porosity less than or equal to 3 percent	Shear Adhesion Strength : Dry Condition 24 hrs	4 kN	5.65 kN
	Shear Adhesion Strength : Dry Condition 14 days	10 kN	13.78 kN
	Shear Adhesion Strength : Heat Aging Conditions	5 kN	7.30 kN
	Shear Adhesion Strength : Wet Conditions	5 kN	7.85 kN

## Packaging

20 kg double layered BOPP bags for maximum moisture protection and enhanced shelf life.

## Shelf life

6 months from month and year of manufacturing, for unopened bags, stored in dry condition.

## Condition of sale

Sold subject to the company's condition of sale which are available on request.

## Caution

There may be irritation caused in eyes and skin in case of contact for a very long time. Please seek medical help if the problem persists for a long time. The product is recommended to be applied with gloves.

## Disclaimer

The user should determine the usability of the product for its intended use. Our products are manufactured under the Saint-Gobain quality standards, and subjected to strict quality control procedures. Since the company has no control over site conditions and installation procedures, the company will not be responsible under any circumstances for any loss, damage or liability from incorrect usage.



FDS / SDS / DoP  
Product information



<https://goo.gl/d39avs>

Scan QR code to download android app for product information and technical data for our complete product range, directly from your smartphone.



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