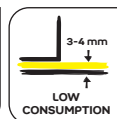
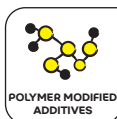




weberset firstwhite



Suitable for fixing small size natural stone on floor.



## Product description

**Weberset firstwhite** is a high polymer modified thin set natural stone and tile adhesive, specially formulated for fixing small format natural stone on floor and small to medium format ceramic tiles on dry areas of interior floor & interior wall a height of 3 meters.

## Features and benefits

- High bond strength.
- The free-flowing product makes it easier to mix and apply - easy to use.
- Suitable for fixing ceramic tile on wall and floor and natural stone on floor.
- Useful for bed thickness of 3 - 12 mm. May go upto 15 mm in a limited extent.
- Thixotropic formula - no sag, for the easy application on the wall.
- Low VOC - For a healthy living.
- For installation of natural stone & ceramic tiles on the floor.
- Suitable for internal use only.
- Self-curing properties, which allows for no-hassle application, with minimum labor.

## Area of application

Refer Tile/Substrate sheet for details.

## Compliance / Standards

Specially formulated as per the requirements C (Cementitious) 1 (standard) T (Slip resistant) of ISO 13007 and EN 12004. Also complies to IS 15477:2019 (Type 1) and ANSI A118.1.

## Limitations

- Do not use for large format tiles or stone.
- Do not use in external areas, or areas exposed to direct sunlight.
- Do not use for fixing vitrified tiles on walls and floor.

- Do not use on the wet screed. The surface must be fully cured.
- Do not use for installing glass mosaic, glass tiles, or metal tiles. Use only weberset glass mosaic for fixing glass mosaics, and only use weberfix PU/Highflex for fixing glass and metal tiles.
- Do not use for wooden flooring, for insulating and soundproofing panels. Use weberfix dry-wall installation on wooden surface.
- Do not use on waterproofing coat - If waterproofing is required, use webertec SBR and webertec crete for the same.
- For High moisture sensitive stone Webersys stone protect to be coated and C2 adhesive to be adopted.
- Refer to the respective datasheets for details.

## Method of application

### Preparing the substrate

- Clean the substrate of oil stains and bond inhibiting compounds, dirt, dust, and laitance, if any, use high-pressure water jet or any other suitable method for cleaning.
- Ensure that the substrate is flat, stable, well adhered, and has a normal absorption.
- The substrate 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 firstwhite.
- Saturate the surface thoroughly and remove excess water before the application of weberset firstwhite.

### Note:-

- In case of higher undulation, a neat coat of webertec SBR LitX to be applied on the substrate, followed by application of weber-wall premium plaster, to smoothen the surface. (For further details kindly refer to the technical datasheet of webertec SBR LitX / weberwall premium plaster ).

- In case of oil stains, use of surfactants may be necessary, followed by proper cleaning with water, to avoid debonding of tiles.

### Preparing the mix

- Gradually add 3 parts of weberset firstwhite 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 affect the performance of the product.

### Applying the mix

- Apply the adhesive onto the substrate covering up to 1/3 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 firstwhite 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.

- If the adhesive is buttered to the tile, then ensure proper coverage of the tile surface to evade voids.
- Ensure adequate gap is kept between subsequent tiles to accommodate for thermal expansion and contraction.
- Use weber spacers between the gap of tiles ranging between 3-12 mm.

**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:

N<sub>w</sub> is the width of the Notch N<sub>G</sub> is the Gap in between the notches, N<sub>H</sub> is the Height of the notch, and θ is the angle of application.

### Tiles installation

Clean the stone/tile with water before installation. Tile shall be in SSD/Dry condition 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 achieved.
- In wet areas, all cementitious floors, the final adhesive bed should be free from voids. If necessary, tiles should be adjusted, within 10 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 24 hours before grouting.

### Note to specifier

- In case of the highly dusty or porous substrate, apply 1 coat of weber primer 401.
- To match joint with the color of tile/stone, use weberepoxy easy or epoxy systems ( Weber-joint poxy + Weberjoint poxyfill ) which is available in more than 40 colors.
- To get high aesthetic appeal, fill joints with Weber Armor™ series specialty grout.

### Grouting and sealing

The joints to be grouted after 24 hours of application of weberset firstwhite using weberepoxy easy or epoxy systems (Weberjoint poxy + Weberjoint poxyfill). Can be grouted with weber-color fine. In case of low humidity, high temperature, and application of 3 mm bed thickness it can be grouted after 8-12 hours.

### Technical parameters

Physical state	Powder
Colour	White
Bulk density	1.4 - 1.50 gm/cc
Mix density	1.80 - 1.85 gm/cc
Mixing ratio (powder to water)	3 : 1 by volume
Pot life	2 - 3 hours
Open time	20 mins
Adjustability time	10 mins
Ready for grouting on walls	24 hours
Ready for grouting on floor	24 hours
Set to light foot traffic	16 - 24 hours
Ready to use	14 days

\* Tested at standard lab conditions.

### Ready for use

Surfaces are ready for use, after 14 days, post completion of grouting.

### Coverage

Approximately 1.4 - 1.50 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.

### Packaging

40 kg Polypropylene bags for maximum moisture protection and enhanced shelf life.

### Shelf life

1 year 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.

Tile/Substrate application table

SUBSTRATE TYPE	SUBSTRATES	Ceramic tiles	Terracotta	Ceramic mosaic	Quarry tiles	Vitrified tiles	Small size / Natural stone	Porcelain tiles	Precast terrazzo
Cementitious	Cement-based screeds and mortars	✓	✓	✓	✓	✓	✓	✓	✓
	Cement-based plasters/renders	✓	✓	✓	✓	✗	✓	✗	✗
	Existing cementitious floor	✓	✓	✓	✓	✗	✓	✗	✗
	Concrete masonry	✓	✓	✓	✗	✗	✓	✗	✗
	Cement terrazzo	✓	✓	✓	✓	✗	✓	✗	✗
	Self levelling screeds	✓	✓	✓	✓	✗	✓	✗	✗
Others	Brick masonry	✓	✓	✓	✓	✗	✗	✗	✗
Tile on tile	Ceramic tile	✗	✗	✗	✗	✗	✗	✗	✗
	Vitrified tile	✗	✗	✗	✗	✗	✗	✗	✗
	Natural stone	✗	✗	✗	✗	✗	✗	✗	✗

Technical standards and performance

ISO 13007 and EN 12004

Classification	Property	Requirement	weberset firstwhite
C1 - Normal cementitious adhesives (Fundamental characteristics)	Tensile adhesion strength	≥ 0.5 N/mm²	0.65 N/mm²
	Tensile adhesion strength after water immersion	≥ 0.5 N/mm²	0.58 N/mm²
	Tensile adhesion strength after heat ageing	≥ 0.5 N/mm²	0.55 N/mm²
T - Slip resistance	Slip	≤ 0.5 mm	No slip

ANSI A 118

Condition	Property	Requirement	weberset firstwhite
Glazed tile shear strength	7 days dry	≥ 200 psi (1.38 N/mm²)	1.56 N/mm²
Impervious mosaic	7 day water immersion	≥ 150 psi (1.03 N/mm²)	1.18 N/mm²
(Porcelain)	1 day	≥ 50 psi (0.34 N/mm²)	0.39 N/mm²
Tile shear strength	7 days dry	≥ 150 psi (1.03 N/mm²)	1.10 N/mm²
	28 days dry	≥ 150 psi (1.03 N/mm²)	1.16 N/mm²
	7 days water immersion	≥ 100 psi (0.69 N/mm²)	0.83 N/mm²
	12 weeks	≥ 150 psi (1.03 N/mm²)	1.42 N/mm²



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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