

Weberfloor slurrybond

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Slurry adhesive for tiling on wet screed.
For internal and external floor.



Product Description

Weberfloor Slurrybond is a highly polymer modified, cementitious adhesive, that can be used in slurry form, on wet screed, for wet-on-wet fixing of tiles and stones, as well as an adhesive paste for fixing tiles and stones on floor and wall. In slurry form, it replaces the cement slurry which has been traditionally used for fixing floor tiles/stones. It also provides additional strength to the screed itself, and increase the tiling speed.

Features & Benefits

- 4 times more coverage than Cement slurry
- Free flowing - no need for troweling
- Shrink resistant
- Provides additional strength to screed, as polymers travel to the screed while applied in wet-on-wet condition
- Easy to use
- Highly polymer modified for high strength bonding.
- Dual use : Can be used a slurry adhesive, or as a thinset tile adhesive.
- Very high pot life ensures higher speed of tiling, and no wastage.
- Water needs to be continuously added to cement slurry, which reduces strength. No such issues with Weberfloor slurrybond.
- High Adjustability time. Cement slurry does not offer an adjustment time, and if the tile needs to be adjusted, the slurry needs to be replace. Further reduces wastage.

Area of application

As Slurry

One wet / freshly laid screed, for fixing most tiles, mosaics and stones. For detail, refer tile/substrate sheet.

As Adhesive

Refer Tile/Substrate sheet.

Applicable Standards

ANSI A118.4 and ISO 13007 - as thinset adhesive.

Limitations

As Slurry

- Not to be used on preset screed
- Not to be used on wooden, metal or glass substrates
- Only to be used for floor application

As Thinset Adhesive

Can be used for internal as well as external, floor as well as wall application, in accordance with the Tile/substrate sheet.

Method of Application

Surface Preparation

- Prepare cement bedding (screed) for laying of tiles as per IS 1443 or as per standard construction practices.
- While laying the bed (screed) ensure the top mortar is kept rough.
- Bedding (screed) should be levelled with minimal undulation, to ensure proper transfer of adhesive to tiles.
- Ensure the bedding is not old or cured, and is free from contaminants like debris, dust etc, before using the slurry adhesive.

Mixing

- Gradually add 6 parts Weberfloor slurrybond to 2 parts clean water (by volume) and mix it to a lump free, smooth, workable paste using a suitable stirrer or a low speed drill mix. This paste can be used as tile adhesive.
- To make a slurry, add additional 3 parts water, and mix to form a smooth, lump free slurry.
- After mixing allow the mixture to stand for 5 minutes for it to mature.

NOTE : Do not add anything, like additional water, cement or sand, to the mix, as it may adversely effectthe performance of the product.

Applying

- Pour the mixture of Weberfloor slurrybond and water, as described above, over fresh screed, and spread the slurry to a uniform thickness of 1 to 2mm.
- Carefully place the tile onto wet, sticky slurry.
- Use spacers, to leave enough space between tiles, as per the tile manufacturer recommendations.
- Stroke the tiles using a rubber mallet, to level the tiles, and ensure the tile is perfectly imbedded in the soft screed.
- It is good practice to lift an occasional tile after fixing, to verify that the required contact is being achieved.
- If the slurry is skinned over, remove the slurry and replace with fresh slurry.
- If necessary, tiles should be adjusted within 60 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

- Ensure screeding is done as per IS 1443 or as per standard construction practices
- Use Primer 401, corner treatment with Stickon tape and two component Waterseal 321 for comprehensive waterproofing, before screeding, where waterproofing is required.
- To get excellent stain resistance on stone, use hydrophobic and oliophobic impregnator Weber Stoneseal.
- to match joint with the colour of tile/stone, use Weberjoint poxy along with Weberjoint poxyfill, available in more than 40 colours.
- To get invisible joints between stones, fill with specially formulated Weber Pearl Armor™ speciality grout.
- To get highly aesthetic appeal, fill joints with Weber Knight Armor™ speciality grout.

Grouting and Sealing

Joints to be grouted after 24 hours of application of Weberfloor slurrybond using Weberjoint poxy. It can also be grouted with Weber.color dewdrop along with weber groutadd.

Ready For Use

NOTE : Readiness for use after two days, is based upon grouting done with Weberjoint poxy along with Weber joint poxyfill.

Product Details

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Physical state | Powder |
| Colour | White and Grey |
| Mix Density | 1.4-1.5 gm/cc |
| Mixing Ratio | 3 parts Weberfloor slurrybond to 1 part Water for thinset adhesive 6 parts Weberfloor slurrybond to 5 part Water for slurry adhesive |
| Application thickness | As slurry : 1-3 mm As thinset adhesive : 2-10 mm |
| Pot life | 5 hrs |
| Open time | 60 mins |
| Adjustability time | 60 mins |
| Ready for grouting on floor | 24 hours |
| Set to light foot traffic | 4 days |
| Ready for use | 7 days |
| Temperature Resistance | -5 to 100 °C |

Tile/Substrate Application Table

| SUBSTRATE TYPE | SUBSTRATES | TILES | | | | | | | | | | | | | | | | |
|----------------|----------------------------------|---------------|------------|----------------|-------------|-----------------|---------------|-------------|-------------|---------------|---------------|------------------|-----------------|-----------------|--------|-------|------------------|-------------------------------------|
| | | ceramic tiles | Terracotta | ceramic mosaic | Quarry tile | Vitrified tiles | Glass Mosaics | Glass tiles | Metal Tiles | Marble Mosaic | Natural Stone | Artificial Stone | Porcelain Tiles | Wooden flooring | pavers | Brick | Precast terrazzo | insulating and soundproofing panels |
| Cementitious | Wet screed | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✓ | ✓ | ✗ | ✓ | ✗ | ✓ | ✗ | ✓ | ✗ |
| | Cement-based screeds and mortars | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | cement-based plasters/renders | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Existing floor | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Concrete Masonry | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Cement Terrazzo | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Blocks | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Self Levelling Screeds | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| Others | Brick Masonry | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| Tiles | Ceramic tile | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Vitrified tile | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Stone | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| Waterproofing | Cementitious | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✗ | ✗ | ✓* | ✓* | ✗ | ✓* | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Epoxy | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| | Polyurethane | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |

✓ As slurry

✓* As adhesive paste

Coverage

Approximately 1.25 Kg/sq. m per mm of thickness

NOTE : Ensure all surfaces are clean, smooth and plum, levelled, free of defects, and without undulations for maximum coverage.

Packaging

20 Kg packs, available in white and grey

Shelf Life

12 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.

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.

Technical Standards and Performance

Comparison of Weberfloor slurrybond with Cement slurry, as per IS 15477.

| TEST | | Cement slurry | Weberfloor slurrybond |
|-------------------------|-----------------------|---------------|-----------------------|
| Shear Adhesion strength | 1 day | 3.54 kN | 2.60 kN |
| | 14 days dry | 3.04 kN | 6.43 kN |
| | 7 day heat aging | 0.41 kN | 2.72 kN |
| | 7 day water immersion | 3.15 kN | 4.64 kN |

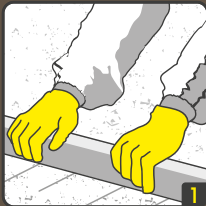
Performance of Weberfloor slurrybond as thinset adhesive, as per ISO 13007.

| TEST | | Requirement | Value |
|-------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------|------------------------|
| C2 – Improved cementitious adhesives (additional characteristics) | Tensile adhesion strength | $\geq 1.0 \text{ N/mm}^2$ | 1.35 N/mm ² |
| | Tensile adhesion strength after water immersion | $\geq 1.0 \text{ N/mm}^2$ | 1.3 N/mm ² |
| | Tensile adhesion strength after heat ageing | $\geq 1.0 \text{ N/mm}^2$ | 1.3 N/mm ² |
| | Tensile adhesion strength after freeze-thaw cycle | $\geq 1.0 \text{ N/mm}^2$ | N/A |
| E – Extended open time | Extended open time: tensile adhesion strength | $\geq 0,5 \text{ N/mm}^2$ after not less than 30 min | 0.7 N/mm ² |

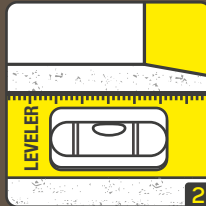
Performance of Weberfloor slurrybond as thinset adhesive, as per ANSI 118.4

| TEST | | Cement slurry | Value |
|---------------------------------------------------|------------------------------|---------------------------------------------------------|-----------------------|
| Impervious Mosaic (Porcelain) Tile Shear Strength | 1 day | $\geq 100 \text{ psi (} 0.69 \text{ N/mm}^2 \text{)}$ | 0.8N/mm ² |
| | 7 day dry | $\geq 350 \text{ psi (} 2.4 \text{ N/mm}^2 \text{)}$ | 3 N/mm ² |
| | 28 day dry | $\geq 400 \text{ psi (} 2.8 \text{ N/mm}^2 \text{)}$ | 3.2 N/mm ² |
| | 7 day water immersion | $\geq 200 \text{ psi (} 1.38 \text{ N/mm}^2 \text{)}$ | 1.5 N/mm ² |
| | 28 day w/freeze-thaw cycling | $\geq 350 \text{ psi (} 2.4 \text{ N/mm}^2 \text{)}$ | N/A |
| | 28 day heat aging | $\geq 400 \text{ psi (} 2.8 \text{ N/mm}^2 \text{)}$ | 3.2 N/mm ² |

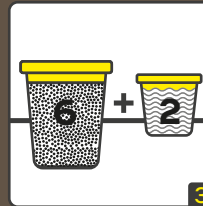
Directions for use



1 Prepare cement screed, keeping top mortar rough.



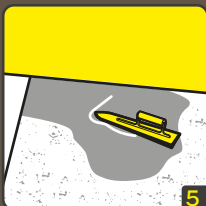
2 Ensure minimal undulation, for proper transfer of adhesive.



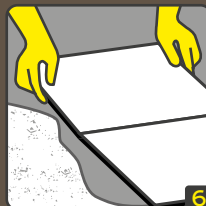
3 Add 6 parts weberfloor slurrybond to 2 parts water (by volume), and mix to a lump free paste.



4 Add another 3 parts water, to form a slurry. Allow mix to stand for 5 mins.



5 Pour the mix over fresh screed, to form a uniform thickness of 1-2 mm.



6 Carefully place the tile, over wet, sticky adhesive.



7 Stroke gently using a rubber mallet, to level tiles and ensure maximum contact.



8 Carefully clean off any excess adhesive, using damp sponge or cloth. Wait 24 hrs before grouting.