

A high-performance, ready-mixed ceramic wall tile adhesive for interior use, particularly with heavier or larger tiles

weber.fix plus

fermagrip



About this product

weber.fix plus is a high performance, acrylic, ready-mixed, thin bed ceramic wall tile adhesive for interior use, designed to be non-slip, even with heavier or larger tiles.

Technical data

Exceeds the requirements of BS EN 12004 for D1T

Bed thickness	Up to 3 mm
Coverage (approx.)	From 2 kg/m ² (dry areas) and 3.4 kg/m ² (wet areas)
Open time	20 minutes
Adjustment time	Approx. 10 minutes
Set time	24 hours
Temperature resistance	-10°C to 100°C when set
Density	approx. 1.7 – 1.8
Solids content	approx. 75%

Note: setting times depend on temperature and humidity and also the tile size, substrate porosity and thickness of the adhesive bed.

Uses

- Interior walls
- Suitable for use in dry and intermittently wet conditions
- Domestic showers
- Kitchens
- Bathrooms

Constraints

Not suitable for floors, exterior use, or in very wet areas such as communal showers or pools.

Not suitable for porcelain tiles.

Features and benefits

- ▲ Manufactured under BSI Quality Assurance Scheme ISO 9001
- ▲ Thixotropic for ease of spreading
- ▲ Zero slip, even with thicker tiles
- ▲ Low colour formulation
- ▲ Very high initial grab

Preparation

Ensure that all surfaces are clean, dry, sound, free from grease, dust or any other contaminating barrier, and capable of supporting the weight of tiling.

Make good any unsound areas before tiling. Remove flaking or peeling layers.

Prime dusty or porous surfaces with **weber PR370** or **weber AD250** and allow to dry before tiling.

Application

Do not use at temperatures below 5°C.

Spread the adhesive onto the wall, rather than onto the tiles, using a suitable notched trowel. Do not spread an area larger than can be tiled in approximately 20 minutes. Larger or studded-backed tiles may also need to be buttered with adhesive.

Fix the tiles within 20 minutes of applying adhesive (less at elevated temperatures). If lightly pressed, the adhesive should still stick to the fingers. If not, then it should be removed and more applied. Firmly press the tiles into the adhesive bed, with a twisting or sliding action, leaving at least 2 mm gaps for grout joints.

For dry areas, the contact area between the adhesive and tile must be at least 70%, uniformly over the whole tile. In intermittently wet areas, it is essential that there are no voids under the tiles. The final bed thickness should be no more than 3 mm.

It is good practice to occasionally remove a tile to check that the required contact is being achieved.

Remove any excess adhesive from the tiles and joints before it sets.

Plywood/fibre-particleboard/fibre reinforced cement sheets

Securely fix and brace all sheets and boards to ensure stability. They should be screwed (not nailed) at 300 mm centres horizontally and vertically. Preferably use exterior grade plywood and prime the reverse face and edges with **weber AD250** to prevent distortion. Avoid large tiles.

Existing ceramic tiling

The surface should be clean, dry, sound and capable of supporting the expected loads. Any unsound areas should be removed and made good. Existing tiles must be firmly adhered. Drying times will be significantly extended, therefore fixing large tiles is not advised.

Ready-mixed adhesives gain strength on drying, so leave for a minimum of 24 hours before grouting. On non-porous surfaces, leave for at least 3 days. These times should be extended in poor drying conditions such as when using larger tiles or tiling at low temperatures.

For wet areas, particularly where there is a power-shower, an appropriate grout should be used to minimise water penetration. Leave for 2 weeks after grouting before using the shower.

Plaster

Tile onto a plaster finish coat. Leave new plaster for at least 4 weeks so that it will be strong enough to support the tiling weight. Priming is recommended. Plaster can support 20 kg of tiling per m².

Plasterboard

Securely fix and brace all boards to ensure stability. They should be screwed, **not** nailed, at 300 mm centres horizontally and vertically. Plasterboard can support 32 kg of tiling per m².

Cement/sand render

Leave new surfaces to dry for at least 2 weeks before tiling.

Brickwork/blockwork

Leave new surfaces to dry for 6 weeks before tiling. Ensure that the surface is sufficiently flat. Lightweight blocks must be primed and are not suitable for large tiles.

Allowance for movement

Flexible joints should be incorporated to allow for slight movements due to changes in temperature, humidity etc. as indicated by BS5385:

- where the tiling meets other materials (e.g. floor perimeters)
- along all internal corners – vertically and horizontally
- over existing movement joints or changes in background material
- dividing large tiled areas into bays (every 3 – 4.5 m)

Packaging

weber.fix plus is supplied in 15 kg and 8 kg plastic buckets.

Coverage

Coverage depends on type of trowel and tile: from 2 kg/m² in dry areas from 3.4 kg/m² in wet areas.

Storage and shelf life

When stored airtight in a cool, dry place at temperatures above 5°C and protected from frost, shelf life is 12 months from date of manufacture.

Health and safety

Essentially not hazardous. Not harmful during normal use. After contact with skin, wash immediately with plenty of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep out of the reach of children.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline
Tel: (01525) 722137

Sales enquiries

Weber products are distributed throughout the UK through selected stockists and distributors. For UK sales enquiries and overseas projects, contact **Weber's** Sales office.

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