

A rapid-setting, cement-based wall and floor tile adhesive, available in light grey or natural white, for interior and exterior use

weber.set rapid

rapid set



About this product

weber.set rapid is a rapid-setting, cement-based wall and floor tile adhesive, available in light grey or natural white, for interior and exterior use.

It can be used to fix ceramic, mosaic, quarry, marble, terrazzo and terracotta tiles, and brick slips, to most building substrates.

Technical data

Exceeds the requirements of BS EN 12004 for C1FT or C2FT-S1 when enhanced with **weber AD230** or **weber AD250**

Bed thickness	3 – 6 mm (may be exceeded in small areas only)
Coverage (approx.)	9 kg/m ² (solid bed, 6 mm thick) 4.5 kg/m ² (solid bed, 3 mm thick) 3.0 kg/m ² (using a notched trowel with 6 x 6 mm notches at 12 mm centres)
Open time	10 minutes
Working time (pot life)	30 minutes after mixing
Set time	2 hours
Temperature resistance	-10°C to 100°C and frost resistant when set
Water addition	4.4 litres per 20 kg for floor tiling 3.8 litres per 20 kg for non-slip wall tiling
Particle size	Up to approx. 0.5 mm

Note: setting times are quoted at 20°C and are temperature and humidity dependent

Uses

Fixing ceramic tiles and natural stone:

- To walls and floors
- In interior and exterior situations
- For wet or dry service conditions

Constraints

Addition of an admixture is required when:

- Fixing low porosity tiles
- Fixing to low porosity substrates
- Where movement or vibration is expected
- When fixing to walls above 3 m high

Features and benefits

- ▲ Manufactured under BSI Quality Assurance Scheme ISO 9001
- ▲ Ready for light foot traffic after 2 hours
- ▲ Rapid early strength gain
- ▲ Properties can be enhanced with **weber AD230** or **weber AD250**
- ▲ Available in light grey or natural white
- ▲ Polymer modified
- ▲ Suitable for use in dry and wet conditions
- ▲ Specifically developed to allow easy bedding of larger tiles

weber.set rapid

Preparation

Ensure that all surfaces are clean, dry, sound and free from dust, grease or any contaminating barrier. Make good any unsound areas and remove flaky or peeling layers before tiling.

Prime porous or dusty surfaces. **weber PR370** is normally recommended for most walls in dry areas. **weber AD250** is recommended for wood, wet areas and floors. Allow the primer to dry.

Check before use that the colour of the adhesive does not cause staining or discolouration of light coloured or translucent tiles.

Mixing

Gradually add approximately 3 parts of powder to 1 part of clean water (measured by volume), and mix to a smooth, workable, stiff paste. Normal usage requires 4.4 litres of water per 20 kg adhesive. Use within 30 minutes of mixing.

Do not attempt to extend the pot life by adding more water to the mix.

Use **weber AD230** or **weber AD250** in the mix if either the substrate or the tiles are impervious, or if limited movement is likely. This gives improved adhesion, resistance to flexing and improved impermeability to water.

Application

Do not use at temperatures below 5°C.

Apply the adhesive onto the substrate covering up to 1 m² at a time (or no more than can be tiled within 10 minutes). Use a suitable notched trowel to achieve a bed thickness of 3 to 6 mm. Large or studded backed tiles may need to have adhesive buttered onto the tile back as well.

Bed the tiles firmly into the adhesive with a slight sliding and/or twisting action, to ensure a good 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 floors, the final adhesive bed should be free from voids.

Leave appropriate clearance joints for grouting and make any adjustments within 10 minutes.

Carefully clean off any excess adhesive from the tiles and joints with a damp cloth or sponge before it sets.

Leave for at least 2 hours before grouting. Longer is required at lower temperatures or when tiling onto impervious or sealed surfaces. For swimming pools, leave at least 3 days before grouting and then a further 3 weeks before filling.

Asphalt (internal)

Asphalt must be of a flooring grade. Use **weber AD250** in the mix – set times will be extended.

Brick and blockwork

Allow at least 6 weeks before tiling. Lightweight blocks need priming with **weber AD250** and **weber AD230** used in the mix. Ensure that the wall face is sufficiently flat.

Cement/sand render or screed

Allow at least 3 weeks for screed and 2 weeks for render before tiling (for screeds, this can be reduced by adding **weber AD250** to the mix). Priming may be required if the surface is very dusty or porous.

Concrete

Allow at least 7 weeks before tiling onto new concrete. Surfaces should be clean and free from laitance. Surface scabbling is recommended. **weber AD230** is needed in the mix on power-floated screeds and set-time will be slightly extended.

Existing ceramics/vinyl tiles

Ensure that the substrate is strong enough to take the weight of extra tiling, that the existing tiles are firmly adhered and that the surface is free from any wax, polish or detergent. Use **weber AD230** in the adhesive mix – set time will be slightly extended.

Plaster walls and anhydrite screeds

Leave plaster for at least 4 weeks before tiling. Ensure anhydrite screeds are fully dry (moisture content <0.5%). It is important that the surface is sealed by repeatedly coating with primer until the surface stops absorbing. For walls in dry areas use **weber PR370** otherwise use **weber AD250** or **weber PR360**.

Underfloor heating/undertile warming

Use with **weber AD230**. If the substrate is timber, it must be overboarded and **weber AD250** should be used in the mix instead. The heating must be off and should be turned on gradually at least 5 days after tiling.

Wallboards: fibre/cement, plywood plasterboard, MDF

The board must be securely braced and fixed with screws at least every 300 mm. Prime the reverse face and edges of plywood with **weber AD250** before fixing. Include **weber AD230** in the adhesive mix.

Wooden floors

Ensure the floor is rigid and strong enough to support the expected load with only minimal deflection and use **weber AD230** in the mix. Tongued and grooved timber and chipboard must be overboarded with exterior grade plywood at least 15 mm thick. Plywood floors should be at least 18 mm thick and all joints must be supported. New boards should be primed on the reverse face and edges and screwed down every 300 mm.

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 on walls, 8 – 10 m on floors)

Packaging

weber.set rapid is packed in plastic lined paper sacks.

Sizes: Light grey 20 kg, 10 kg
Natural white 20 kg

Coverage

Coverage is approximately 1.5 kg of powder per m² for every 1 mm of bed thickness.

Storage and shelf life

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

Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

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.

Sales office
Tel: (01525) 722100
Fax: (01525) 718988

Saint-Gobain Weber Ltd

Dickens House, Enterprise Way, Maulden Road, Flitwick, Bedford MK45 5BY, UK
Tel: 08703 330070 Fax: (01525) 718988 e-mail: mail@weberbuildingsolutions.co.uk

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.