

A lightweight, rapid-setting, ultra-flexible (S2), low-dust, cement-based floor tile adhesive for interior and exterior use

weberset pro lite – rapid

with Weber Low Dust Technology™ and Cement Replacement Technology



About this product

weberset pro lite – rapid is a lightweight, rapid-setting, ultra-flexible (S2), low-dust, cement-based floor tile adhesive for interior and exterior use.

It is used to fix all ceramic floor tiles, porcelain, mosaic, quarry, marble, terrazzo and natural stone to most building substrates. It is particularly suited for situations where some movement, deflection or limited shrinkage is likely.

Technical data

Made under an ISO 9001 Quality System. Exceeds the requirements of: BS EN 12004 for C2F-S2

Bed thickness	3 – 5 mm
Approx coverage	1.1 kg/m ² for every 1mm of bed thickness †
Open time	10 minutes*
Pot life	30 minutes*
Set time	2 hours*
Temperatures	5 to 35°C for application, –10 to 100°C when set

* Note that setting times are quoted at 20°C and are temperature dependent.

† Up to 35% extra coverage based on average usage of **weberset pro lite – rapid** versus other standard Weber tile adhesives.

Uses

For fixing ceramic, porcelain and natural stone tiles:

- Interior and exterior floors
- Where movement is expected
- Suspended wooden floors:
 - Tongued and grooved timber
 - Tongued and grooved chipboard
- Floating floors
- Green screeds
- Underfloor heating or undertile warming

Constraints

Not to be used on interior and exterior walls. Not recommended for tiles with resin backs.

Features and benefits

- ▲ Manufactured under BSI Quality Assurance Scheme ISO 9001
- ▲ Lightweight – up to 35% extra coverage*
- ▲ Ultra-flexible (S2) whilst still maintaining a strong C2 bond strength
- ▲ Can be used as a pourable adhesive
- ▲ Suitable for wooden floors
- ▲ Low Dust Technology® which dramatically reduces airborne dust created during pouring and mixing and also reduces cleaning time
- ▲ Contains Cement Replacement Technology providing an environmentally friendly formulation
- ▲ Particularly suitable for situations where some movement deflection or limited shrinkage is likely
- ▲ Rapid-setting (light foot traffic and grouting after 2 hours)
- ▲ Available in grey

* Up to 35% extra coverage based on average usage of **weberset pro lite – rapid** versus other standard Weber tile adhesives.



LOW DUST TECHNOLOGY and Footprints Device is a registered trade mark of Saint-Gobain Weber.

weberset pro lite – rapid

Preparation

All surfaces should be clean, dry, sound, and free from grease, dust or any other contaminating barrier. Unsound areas should be made good before tiling. Flaky or peeling layers should be removed. Porous or dusty surfaces should be primed using a suitable primer and allowed to dry before tiling.

Mixing

Gradually add approximately 4 parts of powder to 1 part of clean water (measured by volume), and mix to a smooth workable, stiff paste.

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

Application

Do not use if the temperature is below, or likely to fall below, 5°C.

Apply the adhesive onto the substrate using a suitable notched trowel, covering up to 1 m² at a time (or no more than can be tiled within 10 minutes). Tiles with studded backs may also need buttering with adhesive.

The tiles should be firmly bedded with a twisting or sliding action, leaving clearance joints for grouting. It is good practice to occasionally remove a tile to ensure that the appropriate contact is being achieved. Adjustments can be made for up to 10 minutes. Clean excess adhesive from tiles and joints with a damp cloth 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.

Application notes

Green screeds

Leave for at least 3 days to cure and ensure that the surface is dry and strong enough for foot traffic. Ensure anhydrite screeds are fully dry (moisture content <0.5%) and primed with **weber AD250** or **weber PR360**.

Mastic asphalt (interior only)

Ensure the surface is sound, clean, dry, of adequate cohesive strength and of a flooring grade. **weberset pro lite – rapid** can be applied over small amounts of existing vinyl tile residue, providing that is clean and well attached.

Steel

Ensure that the surface is clean and free from grease. Remove any traces of rust and prime with a zinc chromate primer.

Cement/sand render or screed

Allow at least 3 weeks for screed and 2 weeks for render before tiling. Priming with **weber PR360** may be required if the surface is very dusty or porous.

Concrete

Allow at least 7 weeks before tiling onto new concrete. Surface should be clean and free from laitance. Scabbling is recommended to improve key.

Existing ceramic/vinyl tiles

Ensure that the substrate is strong enough to take the weight of extra tiling and that the surface is free from any wax or polish.

Anhydrite screeds

It is important that the surface is abraded and sealed by repeatedly coating with **weber PR360** until the surface stops absorbing.

Underfloor heating/warming

The heating must be off, and should be turned on gradually at least 5 days after tiling.

Wooden floors

Ensure the floor is rigid and capable of supporting the expected load with minimal deflection. Brace any areas that need extra support with noggins between the joists.

New WBP plywood floors should be a minimum of 18 mm thick and all joints must be adequately supported. Existing boards should be screwed down to joists with two screws at each end and another two wherever they cross joists/noggins. For small floors with no noticeable deflection 9 mm WBP plywood or suitable tile backer board can be used to provide a smooth surface to tile.

If there is some limited deflection, a minimum of 15mm WBP plywood or equivalent tile backer board should be used to increase the rigidity of the floor.

If there is still noticeable movement in the floor, another layer of plywood or tile backer board may be needed.

New plywood boards should be primed on the reverse face and edges with **weber PR360** and screwed down every 200 – 300 mm. Slight gaps should be left between boards and at the perimeter for expansion. These should be filled with **weberjoint silicone** sealant.

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 8 – 10 m on floors).

Packaging

Packed in 20 kg polythene-lined paper sacks.

Coverage

Coverage is approximately 1.1 kg of powder per m² for every 1 mm of bed thickness. Up to 35% extra coverage based on average usage of **weberset pro lite – rapid** versus other standard Weber tile adhesives.

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.

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.

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: 08703 330 070
e-mail: technical@netweber.co.uk

Sales enquiries

Weber products are distributed throughout the UK through selected stockists and distributors. Please contact the relevant Customer Services Team below for all product orders and enquiries.

UK and Ireland
Tel: 08703 330 070
Fax: 0800 014 2995
e-mail: sales@netweber.co.uk

Saint-Gobain Weber

Dickens House, Enterprise Way, Maulden Road, Flitwick, Bedford MK45 5BY, UK
Tel: 08703 330 070 Fax: 0800 014 2995 e-mail: mail@netweber.co.uk
www.netweber.co.uk