

## Weberset Quickfix

Fast setting, water resistant, tile adhesive: Class C1F



**Weberset Quickfix** is a cement-based, water-resistant, thin or thick bed tile adhesive. Weberset Quickfix meets good strength, fast set property of class C1F.

### PRODUCT BENEFITS



### USES

Weberset Quickfix is ideal for fixing ceramic wall & floor tiles, vitrified homogeneous tiles, porcelain tiles, mosaics, quarry tiles, terracotta, marbles, granites, slates, terrazzo, brick veneer, decorative stones, etc. dry or wet, interior or exterior areas. Not recommended to use on skimcoat plaster, paint, and metal. Weberset Quickfix is used at 3-6 mm bed thickness, but up to 12 mm for small isolated, uneven areas of limited extent. Latex admixtures (E.MIX Bond Admix) can be used as a replacement for water to improve the physical properties of the adhesive, i.e. to increase flexibility and adhesion, reduce water permeability, etc.

### TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Colour</b>	Grey
<b>Specific Gravity</b>	1.65
<b>pH</b>	11
<b>Dry Solid Content</b>	100 %
<b>Application Temperature</b>	Above 5°C - 40°C
<b>Temperature Resistance</b>	110°C
<b>Frost Resistance</b>	-5°C
<b>Thickness</b>	3 - 6 mm
<b>Pot Life</b>	Approx. 1 hour
<b>Water Demand</b>	Approx. 30 - 41 % or 6 - 8 litres/20 kg bag
<b>Open Time</b>	Approx. 15 - 20 minutes at 25°C
<b>Setting Time</b>	Approx. 2 - 4 hours
<b>Tensile Adhesion Strength</b> (EN ISO 13007-2 Pt 4.4)	1.60 - 1.80 N/mm <sup>2</sup> (After 28 Days Air Cure) 1.20 - 1.40 N/mm <sup>2</sup> (After Water Immersion) 1.50 - 1.70 N/mm <sup>2</sup> (After Heat Aging)
<b>Flexural Strength</b> (EN ISO 13007-2 Pt 4.4)	5.00 - 6.00 N/mm <sup>2</sup>
<b>Compressive Strength</b> (EN ISO 13007-2 Pt 4.4)	14.00 - 15.00 N/mm <sup>2</sup>

Weberset Quickfix conforms to ISO 13007-1 & BS EN 1348 : C1F Adhesive.

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

### CONSUMPTION

Approx. 3 kg/m<sup>2</sup> at 3 mm bed thickness or approx. 6 kg/m<sup>2</sup> at 6 mm bed thickness. Depending on nature and flatness of surface.

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## PROCEDURE & APPLICATION



### Substrate Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. All potholes, cracks, honeycombs must be patched or filled with high strength non-shrink mortar. Ceramic tiles should be fixed dry, not soaked in water.



### Mixing

Mix Weberset Quickfix with the required amount of clean water or E.MIX Bond Admix. Mechanical mixing is recommended.



### Application

Spread adhesive at a bed thickness of 3–6 mm with a suitable notched trowel. Spread  $\leq 1 \text{ m}^2$  at a time to avoid skin-over. Fix tiles onto the adhesive bed, followed by a slight twisting action to secure contact. Touch the adhesive bed periodically to check for skin-over. Adjustability time varies and is approx. 5 minutes. Allocate joints of approx. 2–3 mm wide between tiles. Allow it to set for 24 hours before grouting commences. Remove surplus adhesive from tile surface & joints before it hardens.

### Grouting

Grouting of E.MIX Tile Grout should only commence at least 2–4 hours after completion of tiling or until the adhesive has set. Refer to E.MIX Tile Grout datasheet.

### Movement Joints (BS 5385: Part 1 – 5)

- Over existing structural joints.
- Where tiling abuts other materials.
- At junctions between different background materials.
- In large areas of floor tiling, at 3–4.5 m centres vertically & horizontally and the floor perimeter. For wall tiling at storey heights, 3–4.5 m vertically & at internal vertical corners.
- Around a fix structure i.e. column or machinery.
- Where stresses are likely to be concentrated i.e. changes in the wall or floor alignment.

## STORAGE & PACKING

Weberset Quickfix is available in 20 kg bags.

Shelf life of 6 months if unopened and kept in sheltered and dry conditions.

## HEALTH & SAFETY

Weberset Quickfix contains cement, which may produce an allergic effect. Material may irritate eyes and skin. In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with the skin, wash immediately with plenty of soap and water. Please keep out of reach of children.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Nov '22)

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