

# E.MIX Fast Fix

Fast setting, highly flexible, tile adhesive: Class C2FTE<sub>1</sub>

**E.MIX Fast Fix** is a cementitious, water-resistant tile adhesive that provides high strength, anti-slip, extended open time of class C2TE, a fast setting of class F, and good deformation of class S1. E.MIX Fast Fix contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.



SGBP 4787



## PRODUCT BENEFITS



**FLEXIBLE  
DEFORMABLE**



**RAPID  
SET**



**HIGH  
STRENGTH**

## USES

E.MIX Fast Fix is ideal for renovations whereby a quick return to service is necessary, it allows tiling and grouting in 4-6 hours and light traffic in 1 day. Suitable for tiling on old and large-sized tiles, interior and exterior wall tiling, renders, cement mortar, concrete, or floor tiling. It is applicable for the installation of porous and vitreous tiles such as marble, granite, ceramic, on gypsum boards, brickworks, ALC block walls, and anhydrite support.

## TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Colour</b>	Grey/White
<b>Binder</b>	Ordinary Portland Cement/Non-reactive aggregate
<b>Filler</b>	Graded Sand
<b>Additives</b>	Improve workability, open time, and adhesion strength
<b>Density</b>	Approx. 1.3 kg/litre (dry); 1.4 kg/litre (wet)
<b>Max. Aggregate size</b>	1.0mm
<b>Water Demand</b>	Approx. 23 - 26 % or 5.75 - 6.5 litres/25 kg bag
<b>Pot Life</b>	Approx. 1 hour
<b>Tensile Adhesion Strength</b>	0.7 N/mm <sup>2</sup> (After 6 hours)
<b>(BS EN 12004-2: 2017)</b>	1.0 N/mm <sup>2</sup> (After 24 hours)
	2.0 N/mm <sup>2</sup> (After 28 days)
	1.1 N/mm <sup>2</sup> (After Water Immersion)
	2.0 N/mm <sup>2</sup> (After Heat Ageing)
	1.1 N/mm <sup>2</sup> (After Freeze-Thaw Cycle)
	1.6 N/mm <sup>2</sup>
<b>Open Time (30 mins)</b>	
<b>(BS EN 12004-2: 2017)</b>	
<b>Slip</b>	0.2 mm
<b>(BS EN 12004-2: 2017)</b>	
<b>Deformity</b>	2.6 mm
<b>(BS EN 12002-2: 2017)</b>	

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.

## PRECAUTION

Tiling should not be done under extremely hot, windy, and rainy conditions to avoid adverse effects on adhesion. Do not soak tiles before tiling. No further addition of water is allowed to the unused mortar that has exceeded its pot life or has begun to set.

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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. E.MIX Fast Fix can be applied  $\geq 7$  days after render application. Before application, dampen the surface with clean water and drain the excess water. Ensure the tiles are clean and not dusty.



**Mixing**

Add E.MIX Fast Fix with the required amount of clean water by using a mechanical mixer thoroughly for 5-7 minutes to a creamy paste without lumps. Let the mixture stand for 10 minutes for the additive to dissolve, and then mix again before use.



**Application**

Apply E.MIX Fast Fix using a notched trowel. Do not spread E.MIX Fast Fix  $> 1$  m<sup>2</sup> before tiling. Use a mallet to tap on the tile for good coverage of tile adhesive. For tiles with deep ribs or lugs, or large format tiles, apply the adhesive to the back of the tiles (back buttering). Recommend to use E.MIX Tile Grout for grouting 4-6 hours after tiling.

**E.MIX FAST FIX CONSUMPTION**

**Consumption (kg/m<sup>2</sup>) = Total thickness of E.MIX Fast Fix (mm) x Coverage (kg/m<sup>2</sup> /mm)**

Tile Size (mm x mm x mm)	Notch Size (mm x mm)	Back Buttering Thickness (mm)	Total Thickness (mm)	E.MIX Fast Fix Consumption (kg/ m <sup>2</sup> )
45 x 45 x 6	6 x 6	Nil	2.5	2.9
95 x 45 x 6	6 x 6	Nil	2.5	2.9
100 x 100 x 7	6 x 6	Nil	2.5	2.9
200 x 200 x 7	6 x 6	1	3.5	4.0
300 x 300 x 10	6 x 6	2	4.5	5.2
600 x 300 x 10	10 x 10	2	6	6.9
600 x 600 x 15	10 x 10	2	6	6.9
1000 x 1000 x 20	10 x 10	2	6	6.9

**STORAGE & PACKING**

E.MIX Fast Fix is available in 25 kg bags.  
Shelf life of 6 months if unopened and kept in sheltered and dry conditions.

**HEALTH & SAFETY**

E.MIX Fast Fix 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)

