

**Product Data Sheet**

Edition 1, 2013  
Identification no. xxx  
Version no. 0010  
Sikafix Extra

Construction

# Sikafix Extra

## Extra Power Tile Adhesive

<b>Product Description</b>	Sikafix Extra is two component cement based polymer modified, pre-packed tiling adhesive mortar combining cement with selected grades of sand and several admixtures. High strength adhesive, able to restrain unsteadiness and water submersion. Ready to use, only requires to mix both material.
<b>Uses</b>	Apply for : <ul style="list-style-type: none"><li>■ Marble</li><li>■ Granite</li><li>■ Mosaic</li><li>■ Ceramic tile</li><li>■ Natural stone</li></ul> For application on : <ul style="list-style-type: none"><li>■ Floor and wall</li><li>■ Interior and exterior</li><li>■ Dry and wet (water submerge)</li><li>■ Tile on tile application</li></ul> Able to be applied as repair concrete surfaces (cosmetic repair).
<b>Advantages</b>	<ul style="list-style-type: none"><li>■ Easy to mix and apply.</li><li>■ Excellent adhesion (example : apply marble tile on wall)</li><li>■ For heavy traffic area (example : car park, show room, supermarket).</li><li>■ Can hold at water submersion condition, (example : swimming pool).</li><li>■ Non corrosive to steel, non flammable.</li><li>■ Non toxic.</li><li>■ High abrasion resistance.</li></ul>
<b>Consumption</b>	2.1 kg/m <sup>2</sup> per mm thickness For floor and wall application : 4,5 - 5 m <sup>2</sup> per 30 kg set (based on 3 mm thickness)
<b>Instruction for Use Surface Preparation</b>	Substrate surface must be clean, sound, level and uncontaminated by oil or grease Remove cement laitance, formwork traces and loosely adhering particles by sand blasting or high pressure water jetting. Absorbent substrates must be pre-wetted to saturated surface dry (SSD) conditions.
<b>Application</b>	<ul style="list-style-type: none"><li>■ Pour approximately 4/5 of Component 'A' into mixing container.</li><li>■ Add Component 'B' while continuing to mix . Mix to a uniform consistency, for 3 minutes.</li><li>■ Add remaining component 'A' to mix if a greater consistency is desired.</li><li>■ Use a mechanically powered low speed drill (400 – 600 rpm) with mixing paddle or appropriately sized</li><li>■ Wait for 3 - 5 minutes, then mix again.</li><li>■ Apply with tooth trowel.</li><li>■ Proceed to apply while the adhesive is still wet (no need to immerse the tile prior to apply).</li></ul>
<b>Limitations</b>	<ul style="list-style-type: none"><li>■ Maximum thickness per application : 5 mm ( wet condition ).</li><li>■ Variation in cement could cause shade differences in colour of the mortar.</li></ul>



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## Technical Data

<b>Form</b>	Comp. A : Liquid Comp. B : Powder	
<b>Colour</b>	Concrete Grey	
<b>Mixing Ratio</b>	Comp. A : B = 1 : 5 (by weight) Comp. A : B = 1 : 4 (by volume)	
<b>Mixing Density</b>	Approx. 2.1 kg/l	
<b>Pot Life at 30°C</b>	20 minutes	
<b>Flexural Strength (ASTM C-348)</b>	<b>28 days</b>	45 – 65 kg/cm <sup>2</sup>
<b>Bond Strength to concrete</b>	<b>28 days</b>	≥15 kg/cm <sup>2</sup> (concrete failure)
<b>Compressive Strength (ASTM C-109)</b>	<b>3 days</b>	250 kg/ cm <sup>2</sup>
	<b>7 days</b>	300 kg/ cm <sup>2</sup>
	<b>28 days</b>	420 kg/ cm <sup>2</sup>
<b>Shelf life</b>	9 months if stored in original unopened packaging in dry condition and must be protected from direct sunlight.	
<b>Storage</b>	Dry, cool, shaded place	
<b>Packaging</b>	30 kg set Comp A (Liquid) = 5 kg ; Comp B (Powder) = 25 kg	
<b>Handling Precautions:</b>	<ul style="list-style-type: none"> <li>■ Avoid contact with skin and eyes</li> <li>■ Wear protective gloves and eye protection during work</li> <li>■ If skin contact occurs, wash skin thoroughly</li> <li>■ If in eyes, hold eyes open, flood with warm water and seek medical attention without delay</li> </ul>	
<b>Legal Notes</b>	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the product when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.</p>	



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