

# SikaCem Putty®

## Pre-packed Cement Base for Putty Application

<b>Product Description</b>	SikaCem Putty® is a single component, cement base, polymer modified, ready to use paste form for putty application on different surfaces such as concrete, stone and masonry.
<b>Uses &amp; Advantages</b>	<p>SikaCem Putty® is used as an economical and easy to apply, for both external and internal applications in generally wet areas.</p> <p>SikaCem Putty® - is suitable for the following applications:</p> <ul style="list-style-type: none"> <li>■ All concrete, stone and masonry surfaces</li> </ul> <p>SikaCem Putty® offers the following advantages:</p> <ul style="list-style-type: none"> <li>■ One component, just added water.</li> <li>■ Polymer modified cementitious slurry.</li> <li>■ Easy to mix, apply and finish</li> <li>■ Impermeable</li> <li>■ Trowel applied.</li> <li>■ Good adhesion to sound surfaces</li> </ul>
<b>Approval / Standard</b>	SikaCem Putty® has been tested as per SCAQMD Rule 1168. Result: VOC Content 0 g/L
<b>Product Data</b>	
<b>Form</b>	Powder.
<b>Colour</b>	Grey.
<b>Packaging</b>	30 kg bags.
<b>Storage Condition</b>	Store in a dry cool place.
<b>Shelf Life</b>	12 months from date of production if stored properly in original unopened packing.
<b>Technical Data</b>	
<b>Density (Bulk)</b>	Approx. 1.50 kg/l.
<b>Paste Specific Gravity</b>	~ 1.98
<b>Compressive Strength @ 28 days</b>	> 18 N/mm².
<b>Flexural Strength @ 28 days</b>	> 4 N/mm².
<b>Bonding Strength @ 28 days</b>	> 0.5 N/mm²
<b>Open Time</b>	Up to 30 min after mixing in optimum Temp.
<b>Pot Life</b>	~ 40 min @ 20 C
<b>Application</b>	
<b>Mixing Ratio</b>	8 - 9 lit. of water per 30 kg.
<b>Consumption</b>	~1.7 Kg /m² for 1 mm Thickness. Depending on the surface roughness



<b>Preparation of Substrate</b>	Concrete 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 Temperature Range</b>	From 8°C to 40°C.
<b>Application Mixing</b>	Place three quarters (3/4) of the water in a suitable mixing container. Add the powder to the water while mixing.  Mechanical mixer must be used to ensure proper dispersion of the powder.  After the entire powder has been added mix for an additional three minutes. The remaining one quarter (1/4) of the water is added during the addition of the powder to achieve the desired consistency.
<b>Application</b>	While the substrate is still in a SSD condition, apply SikaCem Putty® and leave to harden (4-6 hours).  After application, finish SikaCem Puttyl® by rubbing down with a soft dry sponge.  <div data-bbox="643 645 885 806" data-label="Image"> </div> <div data-bbox="992 728 1402 759" data-label="Text"> <p>Use 8 - 9 litres water to 30 kg powder</p> </div> <div data-bbox="643 842 885 1001" data-label="Image"> </div> <div data-bbox="986 855 1474 927" data-label="Text"> <p>Mix well with a hand trowel. For large volume mixing, a slow speed drill is</p> </div>
<b>Note:</b> Do not add additional water in case of delay, just remix the mortar.	

## Safety Instructions

<b>Ecology</b>	Do not dispose of into water or soil but according to local regulations.
<b>Transport</b>	Non-hazardous.
<b>Safety Precautions</b>	Wear gloves and goggles. In contact with eyes or skin product may cause irritation.
<b>Toxicity</b>	Non-Toxic under relevant health and safety codes.

## Legal notes

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 products 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.



**Sika Egypt for Construction Chemicals**  
El Abour City  
1<sup>st</sup> industrial zone (A)  
Section # 10 Block 13035,  
Egypt

Tel :+202- 4481 0580  
Fax :+202- 4481 0459  
Mob :+2012- 2390 8822/55  
www.sika.com.eg

