

# Sika® Plaster Mix

## Brick Laying and Plaster

<b>Description</b>	Instant cement for brick, red brick, light brick laying and plastering works. Cement based material with homogenously mixed filler and additive.  Product Standard Reference DIN 18550 DIN 18555 DIN 1053
<b>Advantage</b>	<ul style="list-style-type: none"> <li>■ Easy and ready to use, by water addition only.</li> <li>■ Dual function for bricks laying and plastering works.</li> <li>■ High adhesiveness and plasticity in time of application.</li> <li>■ Thinner mixture application and more neat bricks laying to save material using.</li> <li>■ Mixture is not dry and absorbed easily into bricks surface pores.</li> <li>■ More cost effective due to faster working process.</li> <li>■ Prevents hair cracking caused by material shrinking.</li> <li>■ Stronger and smoother wall surface result.</li> </ul>
<b>Application</b>	<p>Sika® Plaster Mix can be applied on various surface, such as :</p> <p><i>Plastering works :</i></p> <ul style="list-style-type: none"> <li>■ Red or light brick laying surface.</li> <li>■ Concrete surface that have been treated with Sika® Plaster Mix.</li> </ul> <p><i>Bricks laying works :</i></p> <ul style="list-style-type: none"> <li>■ Rigid and stable structure surface (Slab or ring beam) concrete or steel, that have been treated with SikaCim® Bonding Agent.</li> <li>■ Red and light bricks (ALC) laying.</li> </ul>
<b>Usage</b>	
<b>Working equipment</b>	Brush, long steel or aluminium spreader.
<b>Preparation</b>	<p>Red &amp; light bricks laying :</p> <ol style="list-style-type: none"> <li>1. Prepare working place and surface.</li> <li>2. Place enough reference for even bricks laying.</li> <li>3. Clean surface base from chips, dirt and oil can reduce adhesiveness of mixture.</li> <li>4. Wet the bricks with water before laying.</li> </ol> <p>Plastering :</p> <ol style="list-style-type: none"> <li>1. Prepare working place and surface.</li> <li>2. Place enough reference for even plastering.</li> <li>3. Clean surface base from chips, dirt and oil can reduce adhesiveness of mixture.</li> <li>4. Wet working surface base if it too dry.</li> </ol>
<b>Mixing</b>	<ol style="list-style-type: none"> <li>1. Put Sika® Plaster Mix dry powder into mixing container.</li> <li>2. Add water in amount of 3.8 – 4.0 liter for a bag (25 kg) of Sika® Plaster Mix.</li> <li>3. Mix the powder and water to form an even mixture.</li> </ol>



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<b>Use</b>	<p><i>Red &amp; light brick (ALC) laying :</i></p> <ol style="list-style-type: none"> <li>1. Bricks are laying manually as usual.</li> <li>2. Recommended space thickness is 10 mm.</li> </ol> <p><i>Plastering :</i></p> <ol style="list-style-type: none"> <li>1. Plastering is done usual.</li> <li>2. Recommended space thickness is 10 mm.</li> </ol>
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<b>Coverage</b>	<p><i>Brick Laying :</i></p> <p>Red Brick : ± 0.8 m<sup>2</sup> / bag 25 kg / 10 mm          Light Brick : ± 2 m<sup>2</sup> / bag 25 kg / 10 mm</p> <p><i>Plastering :</i></p> <p>Red Brick : ± 1.2 m<sup>2</sup> / bag 25 kg / 10 mm          Light Brick : ± 1.3 m<sup>2</sup> / bag 25 kg / 10 mm</p>
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<b>Technical Data</b>	
<b>Shape</b>	Powder
<b>Color</b>	Light grey
<b>Application Thickness</b>	± 10 mm for red & light brick laying, 10 mm for plastering.
<b>Bonding agent</b>	Portland cement.
<b>Aggregate</b>	Selected sand with maximum 3 mm grain size
<b>Filler</b>	To increase density and reduce mixture porosity
<b>Additive</b>	Water solution to increase workability and adhesiveness
<b>Water requirement</b>	3.8 – 4.0 liter / bag 25 kg
<b>Density</b>	Dry = 1.7 kg / liter
<b>ASTM C 185</b>	Wet = 1.9 kg / liter
<b>Compressive strength</b>	> 4 N/mm <sup>2</sup> @ 28 hari
<b>ASTM C 109</b>	
<b>Water retention</b>	>95%
<b>BS 4551</b>	
<b>Drying shrinkage</b>	<0.1%
<b>ASTM C531</b>	
<b>Packaging</b>	bag 25 kg
<b>Storage</b>	Store in room and keep it dry. Avoid excessive stacking, maximum 8 stacks for each pallet (maximum stack of pallet = 2).
<b>Self Life</b>	12 months if stored in closed bag in a dry room.

**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 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.



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