

**Product Data Sheet**  
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Sika® Seal Waterproofing Slurry

# Sika® Seal Waterproofing Slurry

## Cementitious waterproofing slurry

<b>Product Description</b>	Sika® Seal Waterproofing Slurry is a one component, ready to use, cementitious waterproofing slurry.
<b>Uses</b>	Sika® Seal Waterproofing Slurry is specially developed as a brush applied, slurry coat to prevent moisture ingress to outside walls. It can be applied on concrete, masonry block, retaining walls or breeze-blocks, etc.
<b>Characteristics / Advantages</b>	<ul style="list-style-type: none"><li>■ Excellent adhesion to most building substrate – masonry, concrete and blocks, etc.</li><li>■ Polymer modified</li><li>■ Easy to use</li><li>■ Contains fibres</li><li>■ Good workability</li></ul>

### Product Data

<b>Form</b>	
<b>Appearance / Colour</b>	Powder Grey
<b>Packaging</b>	25kg bags and 7kg plastic containers

### Storage

<b>Storage Conditions / Shelf Life</b>	6 months from date of production if stored in undamaged and unopened, original sealed packaging, in dry and cool conditions.
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### Technical Data

<b>Chemical Base</b>	Portland cement, selected aggregates and additives
<b>Density</b>	Fresh mortar density: ~ 2.0 kg/l (at +20°C)
<b>Grading</b>	D <sub>max</sub> : 0.6mm
<b>Layer thickness</b>	1mm Min. / 4mm Max (per coat)



Construction

## System Information

### Application Details

<b>Consumption</b>	This depends on the substrate roughness and thickness of layer applied: As a guide, ~ 1.6 kg of powder per mm thick. 25kg bag yields ~ 15.4 litre of slurry or covers approximately 7.7m <sup>2</sup> .
<b>Substrate Quality</b>	The substrate must be structurally sound, laitance free, clean and free from dirt, oil, grease, other contaminants and loose or friable particles.
<b>Substrate Preparation</b>	The substrate should be prepared by suitable mechanical techniques such as high pressure water jetting, needle-guns, grit blasting, hammers etc. <b>Pre-wetting of the substrate must take place.</b>

### Application Conditions / Limitations

<b>Substrate Temperature</b>	+5°C min. / +30°C max.
<b>Ambient Temperature</b>	+5°C min. / +30°C max

### Application Instructions

<b>Mixing</b>	6.3 litre of water for 25 kg powder 1.8 litre of water for 7 kg powder
<b>Mixing Time</b>	Sika® Seal Waterproofing Slurry must be mixed with a low speed (< 500 rpm) electric drill mixer, for amounts above 7kg. Pour the water in the correct proportion into a suitable mixing container. While stirring slowly, add the powder to the water. Mix thoroughly for at least 3 minutes till a homogenous consistency is achieved.
<b>Application Method / Tools</b>	Apply the mixed Sika® Seal Waterproofing Slurry using a large paint brush or block brush, applied in the same direction. Before applying the second coat dampen the first coat with water. Apply the 2 <sup>nd</sup> coat of Sika® Seal Waterproofing Slurry, applied by brush in crosswise direction to the first application as soon as first coat has hardened.
<b>Cleaning of Tools</b>	Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be removed mechanically.
<b>Waiting Time / Overcoatability</b>	Waiting time between coats: ~4 hours (at +25°C)
<b>Potlife</b>	~ 45 minutes (at +25°C)
<b>Notes on Application / Limitations</b>	Avoid application in direct sun and/or strong wind and/or rain. Do not add water over recommended dosage. Apply only to sound, prepared substrates. Protect freshly applied material from freezing.

### Curing Details

<b>Curing Treatment</b>	Protect the fresh coat from early dehydration using the relevant curing method.
<b>Applied Product ready for use</b>	The waiting time before re-filling varies in function of temperature and relative humidity, as a guide: ~ 7 days at +25°C

<b>Notes</b>	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
<b>Local Restrictions</b>	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
<b>Health and Safety Information</b>	
<b>Protective Measures</b>	Cement containing material may cause skin irritation. Wear gloves and goggles or apply barrier cream to hands while working with the mortar.
<b>Ecology</b>	
<b>Transportation Class</b>	
<b>Important Notes</b>	Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.  Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Material Safety Data Sheet.
<b>Toxicity</b>	
<b>Legal Notes</b>	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 or accessed on the Internet under <a href="http://www.sika.co.za">www.sika.co.za</a> .



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