

## Sika Ceram® T-Latex

Synthetic rubber latex to improve elastic performances of cement-based adhesives and mortars.

<b>Product Description</b>	SikaCeram® T-Latex is a water emulsion of synthetic resins and specific additives, to be used instead of mixing water to be mixed with mortar or cement-based adhesives to improve the performance of adhesion, deformability, etc.
<b>Uses &amp; Advantages</b>	<p>Cement-based adhesives mixed with SikaCeram® T-Latex achieve high-performance elastic features to be intended in laying:</p> <ul style="list-style-type: none"> <li>■ All kind of ceramic and natural stones in large size.</li> <li>■ On old ceramic or stone flooring, even outdoor.</li> <li>■ In environments subject to thermal stress, such as heating floors and façade.</li> <li>■ On cement- or acrylic- based waterproofing.</li> <li>■ On gypsum-board.</li> </ul> <p>SikaCeram® T-Latex can be also used in the following cases:</p> <ul style="list-style-type: none"> <li>■ Adhesives for glass mosaic on net backing, applied in swimming pools.</li> <li>■ Flexible mortars to fix or level walls and floors.</li> <li>■ High-performance screeds.</li> <li>■ Adhesive slurries</li> <li>■ Render coats for plastering.</li> <li>■ high elastic performances.</li> <li>■ high adhesion performances.</li> </ul>
<b>Approvals / Standards</b>	SikaCeram® T-Latex has been tested as per SCAQMD Rule 1168' Result VOC Content 0 g/L

<b>Product Data</b>	
<b>Form</b>	Liquid.
<b>Colour</b>	White liquid emulsion.
<b>Packaging</b>	1 kg. - 5 kg (Plastic Jerkin).
<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</b>	Approx. 1.04 kg/l.
<b>PH</b>	Approx. 7.5.
<b>Consistency of Mix</b>	Thin mortar adhesive.
<b>Flammability</b>	No.

<b>Mechanical / Physical Properties</b>	The following values in this chapter show, as example, the performances of SikaCeram® -100 Basic mixed with SikaCeram® T-Latex.
<b>Classification</b>	SikaCeram® -100 Basic, blended with SikaCeram® T-Latex, meets requirement of C2 S2 class according to EN 12004.
<b>Pot Life</b>	~80* minutes
<b>Open Time</b>	~20* minutes (EN 1346)
<b>Adjustability Time</b>	~50* minutes



	Value Grey	White	Requirement EN 12004	Test Method
<b>Initial Tensile Bond</b>	1.5 N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>	EN 1348
<b>Tensile Bond after Heat Action</b>	1.9 N/mm <sup>2</sup>	2.0 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>	EN 1348
<b>Tensile Bond after water immersion</b>	1.1 N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>	EN 1348
<b>Deformability Application Details</b>	> 5 mm	> 5 mm	≥ 5 mm	EN 12002
<b>Application Instructions</b>				
<b>Consumption</b>	The pure or diluted product must be used instead of water of the cementitious product to be mixed. Consult its related Data Sheet.			
<b>Mixing</b>	Mix utilizing an electric blender with a suitable mixing spiral at low speed, in a clean bucket, up to get a smooth paste free of lumps.			
<b>Application Method / Tools</b>	<p>Adhesive for glass mosaic on net backing, applied in swimming pools            Dilute SikaCeram® T-Latex with water in 1:1 volume ratio. Blend SikaCeram® -100 Basic into the obtained mixture. The resulting product provides an extremely tenacious bond and is highly flexible while maintaining the creamy consistency obtained when only water is used for mixing.</p> <p>Flexible levelling paste            Mix the mortar with SikaCeram® T-Latex, pouring the powder into the latex. The mixture must be stirred until a creamy, lump-free paste has formed. Recommended for use on surfaces exposed to considerable temperature variations, or on cracked concrete.</p> <p>The surface must be levelled in two coats, the second applied 24 hours after the first and in layers up to 3 mm thick. In case of cracked concrete, it is advisable to apply fiberglass netting. Finish the surface by sponge or metallic flat trowel.</p>			
<b>Cleaning of Tools</b>	Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed			
<b>Notes on Application / Limitations</b>	<p>-Do not mix SikaCeram® T-Latex with products containing only lime as binder.            ⚠ On gypsum boards, the specific utilization of Sika Primer-11W is not mandatory, even suggested</p>			
<b>Safety Instructions</b>				
<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.			
<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 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.</p>			

Sika Ceram® - T Latex 2/2



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