

# Technical Data Sheet

## StoCrete PLUG

Rapid setting cementitious water plug



### Characteristics

<b>Area of application</b>	For patching, joint filling, caulking and pointing of :- <ul style="list-style-type: none"> <li>▪ Concrete pipes</li> <li>▪ Tunnels</li> <li>▪ Tanks</li> <li>▪ Elevator pits</li> <li>▪ Sewage systems</li> <li>▪ Well foundations</li> <li>▪ Mine</li> </ul>
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<b>Properties</b>	<ul style="list-style-type: none"> <li>▪ Ease of use requiring only addition of water</li> <li>▪ Rapid setting to stop running water instantly</li> <li>▪ Highly durable, low porosity of the patch ensures permanence of repair</li> <li>▪ Similar thermal properties as parent concrete</li> <li>▪ Non-shrink properties</li> <li>▪ Chloride-free</li> </ul>
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<b>Application method</b>	<ul style="list-style-type: none"> <li>▪ Apply with hand (protected gloves) or trowel.</li> </ul>
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### Application

<b>Substrate Preparation</b>	<p>Ensure the concrete surface to be repair is structurally sound. Loose or unsound concrete should be hammered out.</p> <p>Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface contaminants.</p> <p>To seal leaks, crack openings must be chased out to approximately 20mm<sup>2</sup>. Always undercut the chase and avoid leaving a V-section. Remove all loose material and debris. Dampen the surface with clean water but make sure there are no standing puddles.</p>
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<b>Material Preparation</b>	<p>StoCrete PLUG should be added to water in mix proportions of 1 part water to 3 parts StoCrete PLUG by volume.</p> <p>Mix the quantity to a stiff consistency in a plastic bucket, using a gloved hand or trowel. Due to the rapid set, only use the quantity which can be placed within the prescribed time.</p>
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<b>Coating Procedure</b>	<p>Trowel or hand knead the mixed mortar in place, ensuring maximum contact before the material sets.</p> <p>If plugging a running water leak, the mixed StoCrete PLUG should be held in place until it reaches initial set.</p>
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<b>Setting Time</b>	30 - 60 secs depending on temperature of mixed mortar.
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<b>Yield</b>	The approximate yield of StoCrete PLUG per 1 kg is 0.6 litres.
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<b>Application Temperature</b>	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
<b>Cleaning Tools</b>	StoCrete PLUG mortar can be removed from tools with water prior to initial set. Hardened material can be removed mechanically.
<b>Delivery</b>	
<b>Colour</b>	Grey
<b>Packing</b>	StoCrete PLUG is available in 1 kg and 5 kg
<b>Storage</b>	
<b>Storage life / conditions</b>	The shelf life of StoCrete PLUG is approximately 6 months if stored in cool dry conditions. Beyond this the setting time will be extended.
<b>Special notes</b>	
<b>Health &amp; Safety</b>	Please refer to Safety Data Sheet
<b>Technical Support</b>	Please consult the local sales office for further information and any site assistance required.
<p>The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.</p> <p>Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.</p> <p>When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on <a href="http://www.sto-sea.com">www.sto-sea.com</a>.</p>	

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\*Product images may differ from the actual product.