

# Product data sheet

## SioxX®-Set

**Elkem ASA Silicon Products**  
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<b>Description</b>	<b>SioxX®-Set is a tailor-made accelerator for microsilica-containing mixes.</b>	
<b>Applications</b>	Tailor-made product for microsilica-containing undispersed systems such as low-cement, ultra-low cement and no-cement gunning mixes. In castables and shotcrete (dispersed systems) SioxX®-Set can be used as accelerating agent.	
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Controlled set-time</li> <li>• Easy to dose</li> <li>• Easy to disperse in the dry and wet mix</li> <li>• Increased green strength</li> </ul>	
<b>Technical data</b>	Appearance	Grey powder
	Bulk density	300 - 550 kg/m <sup>3</sup>
	pH-value (10% solution)	10 - 11
	SiO <sub>2</sub>	65 - 80 %w/w
	Al <sub>2</sub> O <sub>3</sub>	20 - 30 %w/w
	Proprietary additives	1 - 10 %w/w
	Recommended dosage	0.5 - 2 %w/w
<b>Packaging</b>	The product is available in 20 kg plastic bags, 600 kg per pallet. Please contact our sales representative for more details.	
<b>Storage and handling</b>	<ul style="list-style-type: none"> <li>• Avoid dust generation</li> <li>• Store in original packaging (or re-seal opened packages) under dry conditions &gt;0°C.</li> <li>• Shelf-life (best before) is 24 months from the date of production, if stored properly and unopened in their original packaging.</li> </ul>	
<b>Health, safety &amp; environment</b>	Please consult our Product Safety information on our website: <a href="https://www.elkem.com/silicon-products/refractories/specialties/siox-specialties/pds/">https://www.elkem.com/silicon-products/refractories/specialties/siox-specialties/pds/</a> .	
<b>Sustainability</b>	For Elkem, sustainability is central to our business strategy. Our mission is to provide advanced material solutions shaping a better and more sustainable future, adding value to our stakeholders globally. We are committed to reduction in embodied carbon emission. For further information, please visit <a href="http://www.elkem.com/sustainability/">www.elkem.com/sustainability/</a> or contact us to learn more about our sustainability roadmap.	
<b>Additional information and contact</b>	The latest versions of the product data sheet can be found on Elkem Website and in Elkem Refractory App. For further information, please contact our local sales representative. Our specialists will assist you in solving individual problems.	