

# Product data sheet

## SioxX®-Flow

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<b>Description</b>	<b>SioxX®-Flow is designed for microsilica-containing low-cement, ultra-low cement castables and gel bonding systems. It enhances the rheological properties, reduces the water demand and increases the flow.</b>	
<b>Applications</b>	Tailor-made product for microsilica-containing castables. Can also be used in silica-sol bonded systems. When used in silica-sol bonded systems a separate gelling agent needs be added. SioxX®-Flow is also suitable for shotcreting application. By combining SioxX®-Flow and SioxX®-Set, setting can be controlled.	
<b>Benefits</b>	<ul style="list-style-type: none"><li>• Reproducible wet-out, flow and set-time</li><li>• Easy to dose</li><li>• Easy to disperse in the dry and wet mix</li></ul>	
<b>Technical data</b>	Appearance	Grey powder
	Bulk density	300 - 550 kg/m <sup>3</sup>
	pH-value (10% solution)	5 - 7
	SiO <sub>2</sub>	60 - 80 %w/w
	Al <sub>2</sub> O <sub>3</sub>	10 - 30 %w/w
	Proprietary additives	5 - 15 %w/w
	Recommended dosage	1 %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.</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>	For further information, please contact our local sales representative. Our specialists will assist you in solving individual problems.	