

Product data sheet

SioxX®

Elkem ASA Silicon Products
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Description	SioxX® 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.	
Applications	Tailor-made product for microsilica-containing castables	
Benefits	<ul style="list-style-type: none"> • Reproducible wet-out, flow and set-time • Easy to dose • Easy to disperse in the dry and wet mix • Robustness of mix through compatibility with other raw materials (calcined aluminas, cements, ...) • Flexibility to work with various locally available systems (bauxite, mulcoa, andalusite, ...) 	
Technical data	Appearance	Grey powder
	Bulk density	300 – 500 kg/m ³
	pH-value (10% solution)	5 - 7
	SiO ₂	60 - 70 %w/w
	Al ₂ O ₃	20 - 30 %w/w
	Proprietary additives	1 - 10 %w/w
	Recommended dosage	1 - 3 %w/w
Packaging	The product is available in 20 kg plastic bags, 600 kg per pallet. Please contact our sales representative for more details.	
Storage and handling	<ul style="list-style-type: none"> • Avoid dust generation • Store in original packaging (or re-seal opened packages) under dry conditions >0°C. • Shelf-life (best before) is 24 months from the date of production, if stored properly. 	
Health, safety & environment	Please consult our Product Safety information on our website: https://www.elkem.com/silicon-products/refractories/specialties/siox-specialties/pds/ .	
Sustainability	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 www.elkem.com/sustainability/ or contact us to learn more about our sustainability roadmap.	
Additional information and contact	For further information, please contact our local sales representative. Our specialists will assist you in solving individual problems.	