

Product data sheet

SioxX®-Flow

Elkem ASA Silicon Products
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Description	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.	
Applications	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.	
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 	
Technical data	Appearance	Grey powder
	Bulk density	300 - 550 kg/m ³
	pH-value (10% solution)	5 - 7
	SiO ₂	60 - 80 %w/w
	Al ₂ O ₃	10 - 30 %w/w
	Proprietary additives	5 - 15 %w/w
	Recommended dosage	1 %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 and unopened in their original packaging. 	
Health, safety & environment	Please consult our Product Safety information on our website: https://www.elkem.com/silicon-products/refractories/specialties/sioxx-specialities/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	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.	