

# Scorex Calcium Silicate

<b>Description</b>	Scorex® is a blast cleaning grit made of iron furnace slag, also called calcium silicate.																								
<b>Applications</b>	Blastcleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2½ and SA-2, as well as SA-1, also called sweep blasting.																								
<b>Properties</b>	<table border="0"> <tr><td>Shape</td><td>:</td><td>sharp and angular</td></tr> <tr><td>Colour</td><td>:</td><td>light brown</td></tr> <tr><td>Hardness</td><td>:</td><td>&gt; 6 Mohs</td></tr> <tr><td>Specific density</td><td>:</td><td>2.3 - 2.6 kgs/dm<sup>3</sup></td></tr> <tr><td>Loose bulk density</td><td>:</td><td>1.3 - 1.4 kgs/dm<sup>3</sup></td></tr> <tr><td>Conductivity</td><td>:</td><td>less than 25 mS/m</td></tr> <tr><td>Water-soluble chlorides</td><td>:</td><td>less than 0.0025% (m/m)</td></tr> </table>	Shape	:	sharp and angular	Colour	:	light brown	Hardness	:	> 6 Mohs	Specific density	:	2.3 - 2.6 kgs/dm <sup>3</sup>	Loose bulk density	:	1.3 - 1.4 kgs/dm <sup>3</sup>	Conductivity	:	less than 25 mS/m	Water-soluble chlorides	:	less than 0.0025% (m/m)			
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<b>Chemical Composition</b> (indication only)	<table border="0"> <tr><td>SiO<sup>2</sup></td><td>:</td><td>35 - 40 %</td><td>in bound form, &lt;0,1% free silica</td></tr> <tr><td>CaO</td><td>:</td><td>33 - 38 %</td><td></td></tr> <tr><td>MgO</td><td>:</td><td>8 - 15 %</td><td></td></tr> <tr><td>Al<sup>2</sup>O<sup>3</sup></td><td>:</td><td>8 - 15 %</td><td></td></tr> <tr><td>FeO</td><td>:</td><td>0,4 - 0,6 %</td><td></td></tr> <tr><td>Other</td><td>:</td><td>traces only</td><td></td></tr> </table>	SiO <sup>2</sup>	:	35 - 40 %	in bound form, <0,1% free silica	CaO	:	33 - 38 %		MgO	:	8 - 15 %		Al <sup>2</sup> O <sup>3</sup>	:	8 - 15 %		FeO	:	0,4 - 0,6 %		Other	:	traces only	
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<b>Packing</b>	<ul style="list-style-type: none"> <li>- 3-ply paper bags of 25 or 50 kg, on shrinkfoiled export pallets.</li> <li>- Strong woven polypropylene big bags, with 4 lifting loops.</li> <li>- Other packing options on request.</li> </ul>																								
<b>ISO</b>	Product standards ISO 11126-6 and 11127.																								

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

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