



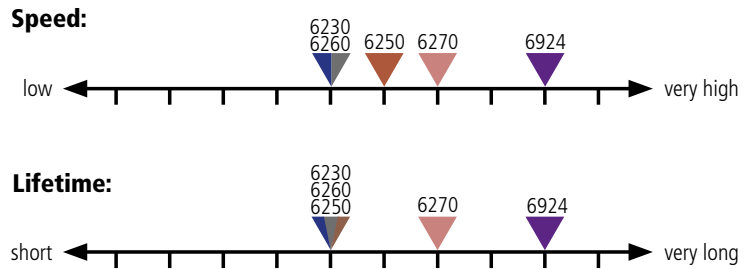
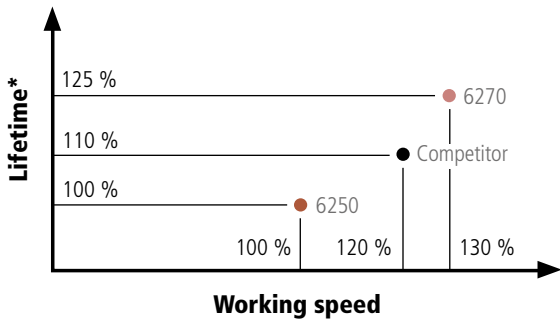
6270 siamet SCM LS

Longer lasting, faster finishing

Up to 25% longer lasting and 30% faster to the same surface finish

The new 6270 SCM range with high-performance blue fired aluminium oxide grain and improved low stretch scrim helps deliver longer lifetime and faster working in both discs and belts.

The right abrasives for your surface finishing

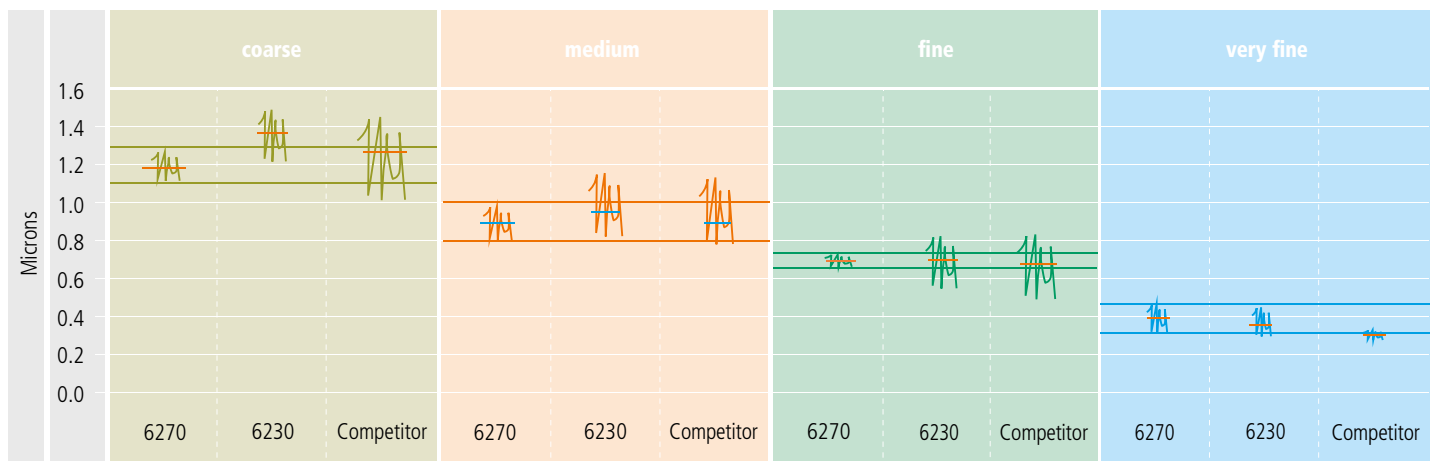


Surface finish across all grains**

Stainless Steel (Ra)

6230 scm Hyperflex
6250 sia scm
6260 ultradisc scm

6270 siamet SCM LS
6924 siamet hd



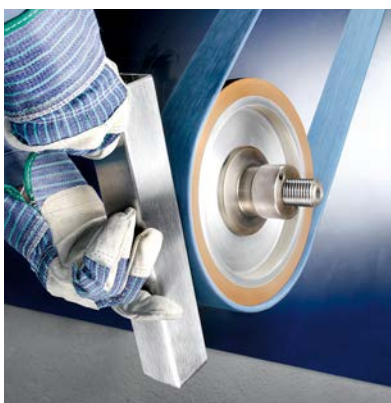
Product profile

Grit type: Blue-fired aluminium oxide

Backing: Low-stretch scrim

Materials: Stainless steel, Mild steel, Aluminium, Brass

* Tested with 115 mm SCM discs at 7,500 RPM & 5 Amps pressure on 304L SS
** Tested with SCM belts at 17 m/s on 90° shore A polyurethane wheel on 304L SS



6270 siamet SCM LS – Longer lasting, faster finishing

Faster working

Self sharpening, tough blue-fired aluminium oxide grain offers a cleaner cut.

Better edge stability

Crosslink adhesion technology promotes a stronger connection between the grain and fibre.

Longer lifetime

Improved resin system results in more stability at higher temperatures making it possible to work longer.

Low stretch scrim

Specially selected low stretch scrim restricts belt elongation during use.



Application hints with 6270 siamet SCM LS



Surface refinement

- Blending scratches from previous sanding processes
- Refining defects and handling marks
- Intermediate grain finish

Non-alloy/low-alloy/mild steels	▼	▽		
High alloy steel/stainless steel	▼	▽	▽	▽
Non-ferrous metals/Aluminium	▽	▼	▽	▽

Deburring

- Metal burr removal
- Micro-burr removal

Non-alloy/low-alloy/mild steels	▼	▽		
High alloy steel/stainless steel	▼	▽		
Non-ferrous metals/Aluminium	▽	▼	▽	▽










Surface treatment

- Final surface finishing
- Matching and blending existing surfaces

Non-alloy/ low-alloy/mild steels	▽	▽	▽	▼
High alloy steel/stainless steel	▽	▼	▼	▼
Non-ferrous metals/Aluminium	▽	▽	▽	▼







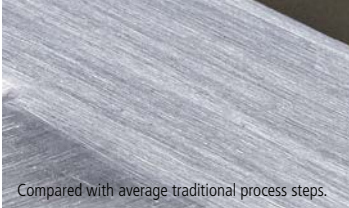
▼ Main application
▽ Secondary application

System Solution – Paint Preparation

<p>Base material: Mild steel</p> 		<p>Result: Ready for paint</p> 	
<p>1 Weld Removal</p>  <p>4560 siamet</p>  <p>Ceramic Fibre Disc Grit: #36 Angle grinder 11'000 rpm recommended*</p>	<p>2 Surface Refinement</p>  <p>6270 siamet SCM LS</p>  <p>SCM Disc Grit: Coarse Angle grinder 7'500 rpm recommended*</p>	<p>3 Final Finishing**</p>  <p>1815 siatop</p>  <p>siafast Disc Grit: #80 D/A sander full speed recommended</p>	

* Speed recommendations based on 115 mm disc diameter. For other sizes different speed recommendations apply. ** Additional 3rd step for wet coating / 30 mic powder

System Solution – Stainless Steel

<p>Base material: Stainless steel</p> 		<p>Result: Final surface finish</p> 	
<p>1 Weld Removal</p>  <p>2803 siacut</p>  <p>Zirconia Belt Grit: # 80 Tube Belt sander 3000 rpm</p>	<p>2 Surface Refinement</p>  <p>6270 siamet SCM LS</p>  <p>SCM Belt Grit: Medium Tube Belt sander 3000 rpm</p>	<p>Up to -10% process costs</p>  <p>Compared with average traditional process steps.</p>	



Your Key to a Perfect Surface
www.sia-abrasives.com

