

# Technical data sheet

6270 siamet SCM LS



Status:	Ok
Approval:	29.10.2024

Classification	Public series
Product type:	Non woven abrasives
Main industries:	General Fabrication
Further industries:	




Product profile	
Grit type:	Aluminium oxide / blue-fired
Grit range (total):	
Backing:	Nonwoven
Coating:	Mechanical
Bonding:	Resin over resin
Special coating:	
Equipment:	





Properties	Technology
Removal rate:	7 - high
Lifetime:	8 - long
Finishing:	8 - good
Flexibility:	3 - rigid
Contact pressure:	7 - strong
	- SCM belts

Advantages	
General Fabrication:	<ul style="list-style-type: none"><li>- Excellent and consistent finish over a long period of time</li><li>- Suitable for general use in dry and wet sanding applications</li><li>- Low-stretch belt</li><li>- More durable so more resistant on edges</li><li>- Considerably more resistant to smearing than existing products, especially at the edge of the disc when working at tight angles</li></ul>

Applications	
General Fabrication:	<ul style="list-style-type: none"><li>- Deburring</li><li>- Removal of rust and paint</li><li>- Removal of discolouration</li><li>- Surface treatment</li><li>- Finishing to prepare for coating and electroplating</li></ul>

Material									
General Fabrication:	<table><tr><td>Non-ferrous metals</td><td>● Non-ferrous metal</td></tr><tr><td>Non-ferrous metals</td><td>● Aluminium</td></tr><tr><td>Stainless steel</td><td>● High-alloy steels</td></tr><tr><td>Steel</td><td>● Unalloyed / low-alloy steel</td></tr></table>	Non-ferrous metals	● Non-ferrous metal	Non-ferrous metals	● Aluminium	Stainless steel	● High-alloy steels	Steel	● Unalloyed / low-alloy steel
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Conversion forms	Upper conversion	Lower conversion
	Rolls	- siafleece rolls
	Discs	- scm discs - siafix discs
	Belts	- scm belts

Application	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
	Portable machine sanding	Power file
	Portable machine sanding	Mini angle grinder
	Stationary belt sanding	Contact belt sanding
Cut:	Dry application, Wet sanding	

Details	
No suitability for:	
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Follow the general EN safety recommendations</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- glove</li> </ul>

Communication			
Claim:	Longer lasting, faster finishing		
Copy:	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.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 4558
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12302

- Main application
- Secondary application