

Technical data sheet

6240 siamet SCM



Status:	Ok
Approval:	18.11.2024

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:	8 - high
Lifetime:	7 - long
Finishing:	9 - very good
Flexibility:	9 - highly flexible
Contact pressure:	4 - little
	- SCM belts - X-LOCK

Advantages	
General Fabrication:	<ul style="list-style-type: none">- Consistent surface finishes even on curved workpieces- High level of flexibility- High edge stability, high initial tearing resistance- Long lifetime

Applications	
General Fabrication:	<ul style="list-style-type: none">- Finishing to prepare for coating and electroplating- Deburring- Removal of discolouration- Smoothing and blending of flaws- Structuring and final sanding- Surface treatment

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
	Belts	- scm belts - Power file belts (width: 6-30 mm/length: up to 950 mm)

Application	Superordinate group	Subgroup
	Portable machine sanding	Power file
	Portable machine sanding	Angle grinder
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Centreless belt sanding
	Stationary belt sanding	Long belt sanding
Cut:	Dry application, Wet sanding (belts only)	

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

Communication	
Claim:	The flexible 6240 siamet SCM offers high edge stability
Copy:	The 6240 siamet SCM has been especially developed for sanding application where edge stability and flexibility are very important.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 58411
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application