

Technical data sheet

2503 siabite



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	12.10.2016

Classification	Public series
Product type:	Coated abrasives
Main application area:	Metal

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36-80
Backing:	x-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Cut:	9 - very high	- siafast
Lifetime:	9 - very long	
Finishing:	7 - good	
Flexibility:	2 - very rigid	
Contact pressure:	10 - high	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- High removal rate thanks to ceramic grit- Active additives with a cooling effect greatly reduce discolouration- Long product life- Cost reduction thanks to long lifetime
Panels:	




Applications	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Weld preparation- Removing discolouration- Sanding down- Surface treatment- Deburring- Blending
Panels:	






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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels Other metals with hard to grind surfaces	<ul style="list-style-type: none"> ● High-alloy steel ● Other hard-to-grind metals
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - jumbolino
	Discs	<ul style="list-style-type: none"> - siafast discs - Various discs
	Belts	<ul style="list-style-type: none"> - Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm) - Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)

Use	Superordinate group	Subgroup
	Portable machine sanding	○ Power file
	Stationary belt sanding	● Contact belt sanding
	Stationary belt sanding	○ Contact wide belt sanding
	Stationary belt sanding	○ Stroke belt sanding
	Stationary belt sanding	○ Centreless belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - At low contact pressure - Fine sanding work on soft contact rollers - Wet sanding
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask



Communication									
Claim:	for guaranteed performance on hard to grind metals								
Copy:	As specialist products for high-alloy steels and other hard to grind metals, 2503 siabite ceramic abrasive belts produce impressive results by offering high stock removal rates and long life and cut every step of the way – from preparation for welding to surface finishing.								
Industrial Verticals:	<table border="0"> <tr> <td>- Turbines</td> <td>- Stamped and Shaped Parts</td> </tr> <tr> <td>- Construction and Metalwork</td> <td>- Tubes and Profiles</td> </tr> <tr> <td>- Machinery, equipment</td> <td></td> </tr> </table>	- Turbines	- Stamped and Shaped Parts	- Construction and Metalwork	- Tubes and Profiles	- Machinery, equipment			
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Image material:	<table border="0"> <tr> <td>Product Top View (PTV)</td> <td>Front side: ID 1861</td> </tr> <tr> <td></td> <td>Reverse side: ID 1862</td> </tr> </table>	Product Top View (PTV)	Front side: ID 1861		Reverse side: ID 1862				
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		Wood: ID 8064							
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	Panels:								
Product show:									
Macro shot:									
Packaging image:									
Product group image:									

- Main application
- Secondary application