

Technical data sheet

2511 siabite



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	01.02.2017

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

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36-120
Backing:	y-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Cut:	10 - very high	
Lifetime:	10 - very long	
Finishing:	6 - average	
Flexibility:	2 - very rigid	
Contact pressure:	9 - high	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Less machine interruptions thanks to long lifetime- Minimal effort required thanks to highly aggressive abrasive grit- Heat-reduced cutting thanks to active additive with cooling effect- More efficiency thanks to the highest performance- Improved flexibility for power files thanks to special flexing
Panels:	




Applications	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Weld preparation- Sanding down- Deburring- Blending- Removing discolouration- Surface treatment- Structuring and final sanding
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"> - siafix 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	<ul style="list-style-type: none"> ● Power file
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Contact belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Contact wide belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Stroke belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Centreless belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - 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

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Communication									
Claim:	the performance specialist for powerfile sanders								
Copy:	2511 siabite abrasive belts are designed especially for powerfile sanders and provide maximum efficiency on high-alloy steel and other hard to grind metals thanks to the self-sharpening effect of the ceramic grit.								
Industrial Verticals:	<ul style="list-style-type: none"> - Turbines - Construction and Metalwork - Machinery, equipment - Stamped and Shaped Parts - Tubes and Profiles 								
Image material:	Product Top View (PTV) <table style="float: right; border: none;"> <tr> <td>Front side:</td> <td>ID 4980</td> </tr> <tr> <td>Reverse side:</td> <td>ID 4981</td> </tr> </table>	Front side:	ID 4980	Reverse side:	ID 4981				
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Product show:									
Macro shot:									
Packaging image:									
Product group image:	<table style="float: right; border: none;"> <tr> <td>ID 7607</td> </tr> <tr> <td>ID 1664</td> </tr> </table>	ID 7607	ID 1664						
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- Main application
- Secondary application