

# Technical data sheet

2546 siabite jj



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	16.09.2015

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main application area:	Metal

<b>Product profile</b>	
Grit type:	Ceramic aluminium oxide
Grit range (total):	60-320; 400
Backing:	jj-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

<b>Properties</b>		<b>Technology</b>
Cut:	9 - very high	- siafast
Lifetime:	10 - very long	
Finishing:	10 - very good	
Flexibility:	9 - highly flexible	
Contact pressure:	6 - medium	

<b>Advantages</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- High removal rate thanks to ceramic grit</li><li>- Active additives with a cooling effect greatly reduce discolouration</li><li>- Highly adaptable to contours, curves and profiles</li><li>- High performance on hard to grind materials</li></ul>
Panels:	




<b>Applications</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Removing discolouration</li><li>- Sanding down</li><li>- Surface treatment</li><li>- Deburring</li><li>- Blending</li><li>- Structuring and final sanding</li></ul>
Panels:	





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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels	● High-alloy steel
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls - jumbolino
	Discs	- siafast discs
	Belts	- 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	● Slack-of-belt sanding
	Stationary belt sanding	○ Stroke belt sanding
Cut:	Dry application	

Details	
No suitability for:	- Aluminium - Heavy duty use on hard contact rollers - Wet sanding
Sanding recommendation:	
Safety recommendation:	- 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



<b>Communication</b>									
Claim:	A high-performance abrasive specially designed for high-alloy steel								
Copy:	Specially designed for high-alloy steel and other hard to grind metals, 2546 siabite jj consistently delivers maximum performance in applications from material removal to final sanding – thanks, among other things, to its high adaptability to contours, curves and profiles.								
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 1865</td> </tr> <tr> <td></td> <td>Reverse side: ID 1866</td> </tr> </table>	Product Top View (PTV)	Front side: ID 1865		Reverse side: ID 1866				
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Product show:									
Macro shot:									
Packaging image:									
Product group image:									

- Main application
- Secondary application