

# Technical data sheet

2546 siabite jj



Status:	Ok
Approval:	12.03.2021

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Turbines Machinery, equipment Stamped and Shaped Parts Tubes and Profiles

Product profile	
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:	

Properties		Technology
Removal rate:	9 - very high	- microtec - siafast
Lifetime:	10 - very long	
Finishing:	10 - very good	
Flexibility:	9 - highly flexible	
Contact pressure:	6 - Medium	

Advantages	
General Fabrication:	<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>




Applications	
General Fabrication:	<ul style="list-style-type: none"><li>- Removal of discolouration</li><li>- Stock removal</li><li>- Surface treatment</li><li>- Deburring</li><li>- Smoothing and blending of flaws</li><li>- Structuring and final sanding</li></ul>





Material	
General Fabrication:	Stainless steel      ● High-alloy steels

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Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Cloth rolls</li> <li>- Jumbolino</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafast discs</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Hand sanding belts and sleeves (width: 30–390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)</li> <li>- Tongued sanding belts (width: 6–30 mm/length: up to 950 mm)</li> <li>- spiralbands</li> </ul>

Application	Superordinate group	Subgroup
	Portable machine sanding	Power file
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Slack-of-belt sanding
	Stationary belt sanding	Long belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Aluminium</li> <li>- Heavy duty use on hard contact rollers</li> <li>- Wet sanding</li> </ul>
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>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

Communication	
Claim:	A high-performance abrasive specially designed for high-alloy steel



Communication			
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.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 8065
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12287

- Main application
- Secondary application