

# 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

# Technical data sheet

2546 siabite jj



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 10,700 mm) - Tongued sanding belts (width: 6–30 mm/length: up to 950 mm) - spiralbands

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:	- Aluminium - Heavy duty use on hard contact rollers - Wet sanding
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> > Expertise > Safety  - 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:	A high-performance abrasive specially designed for high-alloy steel



<b>Communication</b>	
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) <span style="float: right;">Front side: ID Rear side: ID</span>
	Application image <span style="float: right;">General Fabrication: ID 8065</span>
	Product show:
	Macro shot:
	Packaging image:
	Product group image: <span style="float: right;">ID 12287</span>

- Main application
- Secondary application