

Technical data sheet

2511 siabite



MKP person responsible:	Jiri Misak
Serie-Verantwortlicher:	General Fabrication: Jiri Misak
Status:	Ok
Approval:	12.08.2019

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):	36-120
Backing:	y-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

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

Advantages	
General Fabrication:	<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




Applications	
General Fabrication:	<ul style="list-style-type: none">- Weld preparation- Sanding down- Deburring- Smoothing and blending of flaws- Removing discolouration- Surface treatment- Structuring and final sanding






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Material		
General Fabrication:	High-alloy steels	● High-alloy steels

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls - jumbolino
	Discs	- siafix discs - Various 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) - scm belts - Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)

Application	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:	- Fine sanding work on soft 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



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.
Image material:	Product Top View (PTV) Front side: ID Reverse side: ID
	Application image General Fabrication: ID 487
	Product show:
	Macro shot:
	Packaging image:
	Product group image: ID 7607 ID 1664

- Main application
- Secondary application