

Technical data sheet

2511 siabite



Status:	Ok
Approval:	03.09.2024

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; 50-120
Backing:	X-wt cloth
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Removal rate:	10 - very high	- microtec - 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- Reduced heat when sanding thanks to active additive with cooling effect- More efficiency thanks to the highest performance- Improved flexibility thanks to special flexing

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






Material

General Fabrication:	Stainless steel	● High-alloy steels
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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 10,700 mm) - Power file 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	Contact wide belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary belt sanding	Centreless belt sanding
Cut:	Dry application	

Details

No suitability for:	- Fine sanding work on soft contact rollers
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > 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:	The performance specialist for high-quality steel		
Copy:	2511 siabite provides maximum efficiency on high-alloy steel thanks to the self-sharpening effect of the ceramic grit.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 487
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1664

- Main application
- Secondary application