

# Technical data sheet

2515 siabite



Status:	Ok
Approval:	12.08.2022

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):	40-60
Backing:	Y-wt cloth
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Removal rate:	10 - very high	- siafast - sianet
Lifetime:	10 - very long	
Finishing:	6 - average	
Flexibility:	1 - very rigid	
Contact pressure:	10 - high	

Advantages	
General Fabrication:	- High removal rate thanks to ceramic grit - Active additives with a cooling effect greatly reduce discolouration - Cost reduction thanks to long lifetime

Applications	
General Fabrication:	- Weld preparation - Stock removal - Deburring - Smoothing and blending of flaws

Material	
General Fabrication:	Stainless steel ● High-alloy steels

Conversion forms	
	Upper conversion
	Rolls
	Lower conversion
	- Cloth rolls - Jumbolino

<b>Conversion forms</b>	Upper conversion	Lower conversion
	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>- Power file belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>

<b>Application</b>	Superordinate group	Subgroup
	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	

<b>Details</b>	
No suitability for:	<ul style="list-style-type: none"> <li>- Fine sanding work on soft contact rollers</li> <li>- Applications requiring a highly flexible backing</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>

<b>Communication</b>	
Claim:	The professional abrasive for automated belt sanding
Copy:	As a specialist abrasive designed for high stock removal rates, long life and cost-effective surface treatment of hard to grind metals, 2515 siabite excels when it comes to deburring, high stock removal, smoothing and blending of flaws on high-alloy steels and other exotic metals.



<b>Communication</b>			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 489
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application