

# Technical data sheet

2570 siabite



Status:	Ok
Approval:	21.01.2025

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):	36-40; 60-80
Backing:	y-wt cloth, polyester
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	





Properties	Technology
Removal rate:	8 - high
Lifetime:	9 - very long
Finishing:	7 - good
Flexibility:	2 - very rigid
Contact pressure:	9 - high

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>- Long product life</li><li>- Cost reduction thanks to long lifetime</li></ul>

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

Material	
General Fabrication:	<div>Non-ferrous metals</div> <div>Stainless steel</div> <div>Steel</div> <div><ul style="list-style-type: none"><li>○ Non-ferrous metal</li><li>● High-alloy steels</li><li>● steel</li></ul></div>

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls
	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>- Floor sanding belts (width: 200-300 mm / length: 750-800 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>

Application	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	

Details	
No suitability for:	- Applications requiring a highly flexible backing
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> <li>- Use hearing protection</li> </ul>

Communication	
Claim:	The professional for high cutting power
Copy:	The new 2570 siabite belt series offers a long lifetime thanks to ceramic grit and rigid polyester backing.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 115383
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 115515

- Main application
- Secondary application