

# Technical data sheet

4560 siabite



Status:	Ok
Approval:	05.08.2021

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Casting and Forging Machinery, equipment

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36-120
Backing:	Fibre
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties	Technology
Removal rate:	6 - Medium
Lifetime:	7 - long
Finishing:	7 - good
Flexibility:	1 - very rigid
Contact pressure:	10 - high
	- X-LOCK

Advantages	
General Fabrication:	<ul style="list-style-type: none"><li>- High-performance product with ceramic aluminium oxide</li><li>- Active additives with a cooling effect greatly reduce discolouration</li><li>- Firm fibre backing</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>- Smoothing and blending of flaws</li><li>- Deburring</li></ul>


Material	
General Fabrication:	<div>Stainless steel</div> <div>Steel</div> <ul style="list-style-type: none"><li>● High-alloy steels</li><li>● Unalloyed / low-alloy steel</li></ul>

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Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Application	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Brass and aluminium</li> <li>- Wet sanding</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	<ul style="list-style-type: none"> <li>- For aggressive grinding, select a hard sanding pad</li> <li>- For soft grinding, select a soft grinding pad</li> </ul>
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>

Communication	
Claim:	The optimal ceramic fibre disc for general fabrication applications
Copy:	4560 siabite's coarser grits have been designed for high stock removal on mild steel. The disc also delivers consistent surface quality in finer grits on stainless steel. . All this leads to faster completion of your grinding applications.
Image material:	Product Top View (PTV)
	Front side: ID
	Rear side: ID
	Application image
	General Fabrication: ID 8727
	Product show:
	Macro shot:
	Packaging image:
	Product group image:

- Main application
- Secondary application