

# Technical data sheet

4560 siabite



Status:	Ok
Approval:	05.08.2021

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


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


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

<b>Advantages</b>	
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>

<b>Applications</b>	
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>

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

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Discs	- Fibre discs

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
Cut:	Dry application	

<b>Details</b>	
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>

<b>Communication</b>		
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