

# Technical data sheet

4570 siabite X



Status:	Ok
Approval:	03.06.2021

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

<b>Product profile</b>	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36; 60-80; 120
Backing:	Fibre
Coating:	Electrostatic
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

<b>Properties</b>		<b>Technology</b>
Removal rate:	10 - very high	- X-Technology
Lifetime:	10 - very long	
Finishing:	9 - very good	
Flexibility:	1 - very rigid	
Contact pressure:	9 - high	

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Cool cut</li><li>- Uniform cutting performance</li><li>- Long lifetime</li><li>- Fine surface finish</li></ul>


<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Weld removal</li><li>- Removal of scale and mill scale</li><li>- Blending flaws</li><li>- Removing discolouration</li></ul>


<b>Material</b>		
General Fabrication:	Non-ferrous metals Stainless steel Steel	<ul style="list-style-type: none"><li>○ Aluminium</li><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>- Wet sanding</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	- For aggressive grinding, select a hard sanding pad
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 EN safety recommendations</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> </ul>

Communication			
Claim:	The fibre disc for the coolest grinding with new and unique X-Technology		
Copy:	Thanks to innovative X-Technology, the 4570 siabite fibre disc brings you considerably cooler grinding with a long service life and a consistent cutting performance on stainless steel and mild steel. With new and unique X-Technology, an active cooling aid is applied directly to the top level, which enhances cooling and minimises discolouration.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	General Fabrication: ID 9012	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:	ID 8994	

- Main application
- Secondary application