

# Technical data sheet

4815 siacut



Status:	Ok
Approval:	05.08.2021

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

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	36; 60-80; 120-150
Backing:	Fibre
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties	Technology
Removal rate:	8 - high
Lifetime:	8 - long
Finishing:	7 - good
Flexibility:	1 - very rigid
Contact pressure:	10 - high

Advantages	
General Fabrication:	<ul style="list-style-type: none"><li>- Aggressive cut</li><li>- Firm fibre backing</li><li>- Active additives with a cooling effect greatly reduce discolouration</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><ul style="list-style-type: none"><li>● Non-ferrous metal</li><li>● High-alloy steels</li></ul></div>

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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>- 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 fibre disc for aggressive sanding of high-alloy steels		
Copy:	As specialist products for high-alloy steels, 4815 siacut fibre discs are suitable for a variety of applications: from general dressing work, deburring and edge chamfering through to the surface treatment of bronze ship propellers. Active cooling ingredients keep discolouration to a minimum.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	General Fabrication:	ID 5617
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 6107

- Main application
- Secondary application